## **IGCSE Biology**

# Paper 4

**Unsolved Topical** 

**Past Papers with Marking Schemes** 

**All Variants** 

2014-2021

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## **Preface**

Excellence in learning can't be claimed without application of concepts in a certain context. In this regard one of the perfect approach is to start logically in chunks; like chapter wise learning and applying it on exam based questions.

This booklet provides an opportunity for practice of exam based questions which has been classified on the basis of syllabus topics and more precisely on teacher's recommendation basis. Extensive working of Team MS Books has tried to take this booklet to perfection by:

- Removing all the repeated questions but added their references at relevant places.
- Keeping all the question in a hierarchy from early years to most recent years.
- Adding Answering Key / Marks Scheme at the end of each topic.
- Maintaining actual spacing between consecutive questions and within options as per CIE format which gives students a more realistic feel of attempting question.

In addition to all this; review, feedback and contribution in this booklet by various competent teaches of subject belonging to renowned school chains make it most valuable resource and tool for both teachers and students. With all believes in strengths of this resource material I can confidently claim its worth in achieving brilliance.

**Subject Head** 

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## **Characteristics and Classification of Living Organisms**

Q5(a,b)/31/M/J/14

1 Fig. 5.1 shows the nematode, Caenorhabditis elegans.



Fig. 5.1

(a)	(1)	State the genus of this nematode.
		[1]
	(ii)	State two <b>structural</b> features of nematodes.
		1
		2
(b)	Nem impo	natodes feed on dead and decaying material. Explain why this gives nematodes an ortant role in ecosystems.
		A 37)
		[3]

Q6(a,b,c)/32/M/J/14

- 2 Myriapods are a group of arthropods that are commonly found in soil habitats in many parts of the world. Many myriapods are very small and not easy to identify.
  - Fig. 6.1 shows four species of myriapod, not drawn to the same scale.

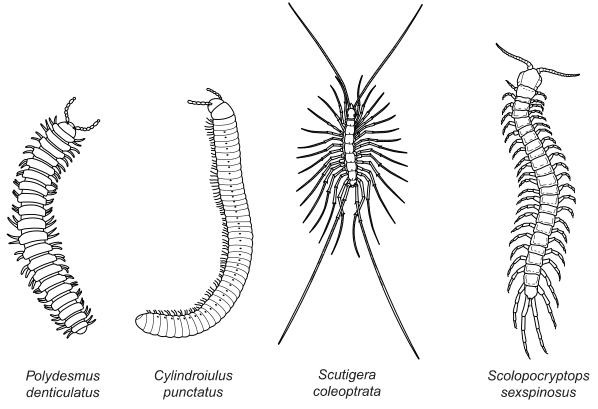


Fig. 6.1

(a) State three features of all myriapods that are visible in Fig. 6.1.

1	
2	
3	

### P4-TOPIC # 1 CHARACTERISTICS AND CLASSIFICATION OF LIVING ORGANISMS QUESTIONS

(b)		cribe <b>three</b> features of myriapods that could be used to make a dichotomous key to nguish between the four species in Fig. 6.1.
	1	
	2	
	3	
		[3]
(c)		schondria are cell structures that contain a small quantity of DNA.  Entists are sequencing the DNA of one particular gene in mitochondria to help identify
	diffe	erent species of many animals including myriapods. The sequences that they find are ed 'barcodes'.
	(i)	State the part of the cell that contains most of the DNA.
		[41]
		[1]
	(ii)	Suggest how DNA barcoding might be useful in the conservation of animals, such as myriapods.
		[2]
	(iii)	State the function of DNA in cells.
		714

Q1/31/M/J/15

3 (a) Fig. 1.1 shows five species of mollusc.

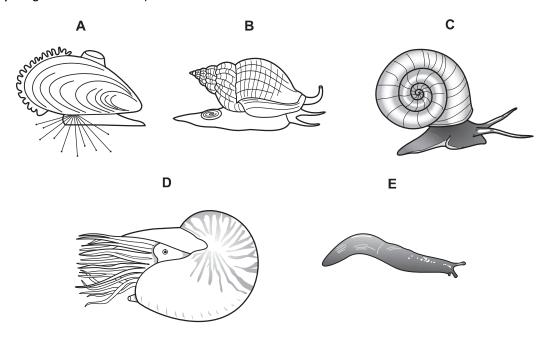


Fig. 1.1

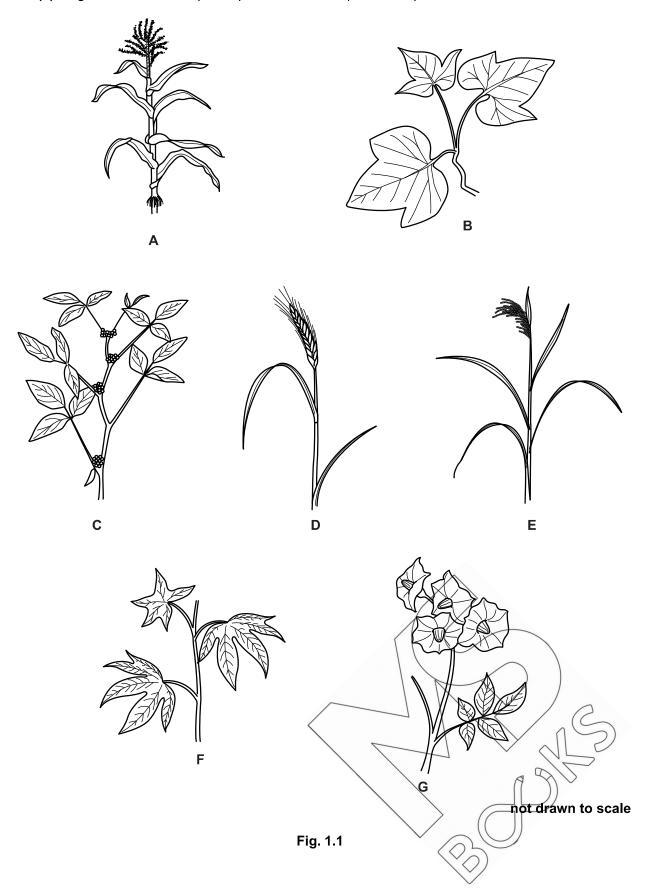
Use the key to identify each species. Write the letter of each species ( $\bf A$  to  $\bf E$ ) in the correct box beside the key.

### Key

1 (a)	body is completely or partly covered in a shell	go to 2
(b)	body is not completely covered or partly covered in a shell	Limax flavus
2 (a)	shell is attached to rocks by thin threads	Mytilus edulis
(b)	shell is not attached to rocks by thin threads	go to 3
3 (a)	shell is a spire that comes to a point	Buccinum undatum
(b)	shell is not a spire that comes to a point	go to 4
4 (a)	animal has tentacles	Nautilus pompilius
(b)	animal has 2 tentacles	Planorbis planorbis
		[3]

 Q1(a,b)/32/M/J/15

4 (a) Fig. 1.1 shows seven plant species that are important crops.



### P4-TOPIC # 1 CHARACTERISTICS AND CLASSIFICATION OF LIVING ORGANISMS QUESTIONS

Use the key to identify each species. Write the letter of each species (A to G) in the correct box beside the key. One has been done for you.

#### Key

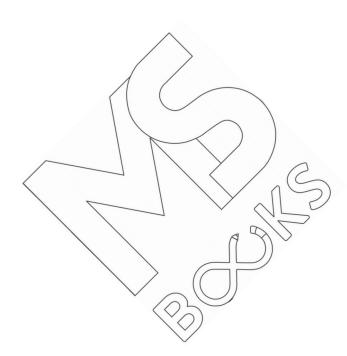
1 (a)	branched veins on leaves	go to 2	
(b)	parallel veins (not branched) on leaves	go to 3	
2 (a)	leaves divided into leaflets (look like small individual leaves)	go to 4	
(b)	leaves not divided into leaflets	go to 5	
3 (a)	flowers grouped tightly together at the top of the stalk	Triticum aestivum	
(b)	flowers grouped loosely together at the top of the stalk	go to 6	
4 (a)	large flowers located at top of stem	Solanum tuberosum	
(b)	small flowers located along the stem	Glycine max	
5 (a)	leaves have five lobes	Manihot esculenta	F
(b)	leaves have three lobes	Ipomoea batatas	
6 (a)	flowers above youngest leaf	Zea mays	
(b)	flowers bend down below youngest leaf	Oryza sativa	

[3]

**(b)** The pattern of the veins on the leaves was used in the key to separate the monocotyledonous crop plants and eudicotyledonous (dicotyledonous) crop plants shown in Fig. 1.1.

State **one** other feature that could be used to identify monocotyledonous plants from eudicotyledonous plants.

......[1]



a) (i)	a) (i) Caenorhabditis;	[1]	
(ii)	thread-like bodies/filamentous/filament-like; unsegmented body; hydrostatic skeleton; body, tapers/is pointed, at, one/both, ends; through gut/mouth and anus; relatively large pharynx/sucking mouthparts;	max [2]	
(q	prevents accumulation of dead matter/removes (organic) waste; recycles nutrients/named nutrient(s); releases (carbon as) carbon dioxide; (carbon dioxide) for photosynthesis; decreases particle size of food for decomposers; ref to energy flow in, food chain/food web/ecosystem;	max [3] R	max [3] R energy cycling/recycling



					Ignore chromosomes		
max [3]				max [3]	[1]	max [2]	max [2]
<ul> <li>(a) 1 antennae;</li> <li>2 elongated bodies;</li> <li>3 segmented body/many segments;</li> <li>4 many (≥10) legs;</li> <li>5 (one or two pairs of) legs on each segment;</li> <li>6 exoskeleton;</li> <li>7 jointed legs;</li> </ul>	<ul><li>3 presence/absence, of tail pieces/AW;</li><li>4 length of tail pieces;</li></ul>	<ul> <li>5 length of legs;</li> <li>6 number of leg joints;</li> <li>7 total number of legs;</li> <li>8 position of legs on body;</li> </ul>	<ul><li>9 number of legs per segment;</li><li>10 size/shape of segments;</li><li>11 number of body segments;</li></ul>	<ul><li>12 length of body;</li><li>13 head shape;</li><li>14 presence/absence 'spots/markings';</li></ul>	(c) (i) uncleus;	<ul> <li>(ii) 1 idea that animals are identified accurately; R identify unqualified</li> <li>2 barcoding is, cheap/easy/quick/efficient;</li> <li>3 barcoding is useful if distinguishing characteristics/dichotomous key are difficult;</li> <li>4 identify previously unknown species;</li> <li>5 helps to identify, threatened/endangered species;</li> </ul>	<ul> <li>(iii) 1 ref to genes;</li> <li>2 codes for (specific) proteins;</li> <li>3 stores genetic information;</li> <li>4 can be copied to pass on information to new cells;</li> </ul>

Q6(a,b,c)/32/M/J/14 Q 2

Question	Expected Answers	Marks	Additional Guidance
1 (a)	COBPE	al 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	all 5 correct = 3 marks 3/4 correct = 2 marks 1/2 correct = 1 mark
(q)	soft body; not segmented; mantle; visceral mass; (muscular) foot; ignore feet/legs produce slime/have slimy body; A mucus radula/rasping tongue/AW; hydrostatic skeleton;	[max 2]	
		[Total: 5]	

					(6)				C ::::::::::::::::::::::::::::::::::::	(a)	Trifficulty coofinition	Trition postinim	Trition postium
	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width/shape; sheath/no petiole; 3 number of, cotyledons/seed fearens; celebrology (included) flower parts; number of foot; humber of, cotyledons/seed fearens; sheath/no petiole; sheath of vascular bundles; hopesencelabsence of celebrology tissue; no, cambium/woody tissue; max [1]	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E Ieaf. width shape;  1 leaf. width shape; 2 leaf connection to stem/AW; 3 number of finamed) flower parts; 4 type of foot; 5 feaves; 6 type of foot; 7 deaves; 8 cambium#AW; 9 presenteabsence of cambium/woody tissue; 1 max [3] 1 max [3] 2 leaf connection to stem/AW; 9 sheath no petiole; 1 pattern of vascular bundles; 1 pattern of vascular bundles; 2 cambium#AW; 1 leaf. width shape; 3 number of connection to stem/AW; 4 number of connections of sealer	(b) Solanum tuberosum G G Glycine max C Manibrot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E E Oryza sativa E E Gromection to stem/AW; Sheath no petiole; Inumber of (named) flower parts; Inumber of (named) flower parts; Inumber of confections seed in the properties of t	(b) Solanum tuberosum G G Glycine max C Manibrot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E E Oryza sativa E E Gromection to stem/AW; Sheath no petiole; Inumber of (named) flower parts; Inumber of (named) flower parts; Inumber of confections seed in the properties of t	(b) Solanum tuberosum G G Glycine max C Manibrot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E E Oryza sativa E E Gromection to stem/AW; Sheath no petiole; Inumber of (named) flower parts; Inumber of (named) flower parts; Inumber of confections seed in the properties of t	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E Ieaf. width shape;  1 leaf. width shape; 2 leaf connection to stem/AW; 3 number of finamed) flower parts; 4 type of foot; 5 feaves; 6 type of foot; 7 deaves; 8 cambium#AW; 9 presenteabsence of cambium/woody tissue; 1 max [3] 1 max [3] 2 leaf connection to stem/AW; 9 sheath no petiole; 1 pattern of vascular bundles; 1 pattern of vascular bundles; 2 cambium#AW; 1 leaf. width shape; 3 number of connection to stem/AW; 4 number of connections of sealer	(b) Solanum tuberosum G G Glycine max C Manifrot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E Ieaf connection to stem/AW; Solanum tuber of finamed) flower parts; Inumber of convections of the of pot; Type of pot; Ty	(b) general features:    Colanum tuberosum   C   C	(b) general features:    Colganum tuberosum   C   C   C	(b) general features:    Colganum tuberosum   C   C   C	(b) general features:    Colanum tuberosum   C	(b) general features:    Colanum tuberosum   C	(b) general features:    Colanum tuberosum   C
	(b) Solanum tuberosum G G Glycine max C Maniford esculenta F Ipomoea batatas B Zea mays A Oryza sativa E at connection to stem/AW; Solanum langer of finamed) flower parts; Inumber of, cotyledons/seed bype of foot; presence/absence of cambium/AW; proceedials and cambium/AW; procedures are cambium/woody tissue; max [1]	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E af connection to stem/AW; anumber of (named) flower parts; number of, cotyledons/seed bype of floot; presenpelabsence of cambium/AW; procedular bundles; no, cambium/woody tissue; max [1]	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width/shape; a number of (named) flower parts; number of (named) flower parts; number of cambium/AWV; peteror of the of not; peteror of the original parts of the of not; peteror of the original parts of the of not; and not cambium/woody tissue; no, cambium/woody tissue; max [1]	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width/shape; a number of (named) flower parts; number of (named) flower parts; number of cambium/AWV; peteror of the of not; peteror of the original parts of the of not; peteror of the original parts of the of not; and not cambium/woody tissue; no, cambium/woody tissue; max [1]	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width/shape; a number of (named) flower parts; number of (named) flower parts; number of cambium/AWV; peteror of the of not; peteror of the original parts of the of not; peteror of the original parts of the of not; and not cambium/woody tissue; no, cambium/woody tissue; max [1]	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E af connection to stem/AW; anumber of (named) flower parts; number of, cotyledons/seed bype of floot; presenpelabsence of cambium/AW; procedular bundles; no, cambium/woody tissue; max [1]	(b) Sclanum tuberosum G G Glycine max C Manifrot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width/shape; Seafer onnection to stem/AW; Sheath/no petiole; 3 number of, cotyledons/seed for type of foot; pyter of vascular bundles; pyter of vascular bundles; presempetabsence of cambium/AW; presempetabsence of cambium/AW; no, cambium/woody tissue; max [1]	(b) general features:    Colanum tuberosum   C	(b) general features:  1 leaf, width / shape; 1 leaf connection to stem/AW; 2 leaves; 3 mumber of (amned) flower parts; 4 musher of (ascular bundles; 5 deves; 6 type of flox; 7 personecabsence of cambium/AW; 8 presence absonce of cambium/AW; 9 presence absonce of cambium/AW; 1 leaf, width / shape; 1 leaf, width / shape; 2 leaf connection to stem/AW; 3 mumber of (amned) flower parts; 4 max [3] 6 from the foliation of the flower parts; 6 from the flower parts; 7 max [1] 8 presence absonce of flower parts; 9 presence absonce of flower parts; 1 leaf, width / shape; 2 leaf connection to stem/AW; 3 mumber of (amned) flower parts; 4 max [1]	(b) general features:  1 leaf, width / shape; 1 leaf connection to stem/AW; 2 leaves; 3 mumber of (amned) flower parts; 4 musher of (ascular bundles; 5 deves; 6 type of flox; 7 personecabsence of cambium/AW; 8 presence absonce of cambium/AW; 9 presence absonce of cambium/AW; 1 leaf, width / shape; 1 leaf, width / shape; 2 leaf connection to stem/AW; 3 mumber of (amned) flower parts; 4 max [3] 6 from the foliation of the flower parts; 6 from the flower parts; 7 max [1] 8 presence absonce of flower parts; 9 presence absonce of flower parts; 1 leaf, width / shape; 2 leaf connection to stem/AW; 3 mumber of (amned) flower parts; 4 max [1]	(b) general features:  1 leaf, width / shape;  1 leaf, width / shape;  5 deaves;  5 type of froit,  7 pattern for vascular bundles;  8 presenpedabsence of cambium / WV;  8 presenpedabsence of cambium / WV;  1 minum / WV;  1 leaf, width / shape;  2 the connection to stem / AW;  5 the of froit,  6 type of froit,  7 pattern for vascular bundles;  8 presenpedabsence of cambium / woody tissue;  8 max [1]	(b) general features:  1 leaf, width / shape;  1 leaf, width / shape;  5 deaves;  5 type of froit,  7 pattern for vascular bundles;  8 presenpedabsence of cambium / WV;  8 presenpedabsence of cambium / WV;  1 minum / WV;  1 leaf, width / shape;  2 the connection to stem / AW;  5 the of froit,  6 type of froit,  7 pattern for vascular bundles;  8 presenpedabsence of cambium / woody tissue;  8 max [1]	(b) general features:  1 leaf, width / shape;  1 leaf, width / shape;  5 deaves;  5 type of froit,  7 pattern for vascular bundles;  8 presenpedabsence of cambium / WV;  8 presenpedabsence of cambium / WV;  1 minum / WV;  1 leaf, width / shape;  2 the connection to stem / AW;  5 the of froit,  6 type of froit,  7 pattern for vascular bundles;  8 presenpedabsence of cambium / woody tissue;  8 max [1]
	(b) Solanum tuberosum G G Glycine max C Maniford esculenta F Ipomoea batatas B Zea mays A Oryza sativa E est connection to stem/AW; Sheath no petiole; 3 number of, cotyledons/seed for type of foot; persenpelabsence of cambium/AW; presenpelabsence of camb	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width/shape; 1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of, covledons/seed for type of foot; 5 feaves; 7 mumber of, covledons/seed by the of foot; 5 feaves; 6 for the offoot; 6 for the offoot; 6 for the offoot; 6 for the offoot; 7 februs roots; 7 februs roots; 7 februs roots; 6 for the offoot; 7 februs roots; 7 februs roots; 7 februs roots; 8 februs roots; 9 febr	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E E Gomection to stem/AW; Sheath no petiole; 3 numbber of, cotyledons/seed for type of foot; presenpedabsence of cambium/AW; presenpedabsence of cambium	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E E Gomection to stem/AW; Sheath no petiole; 3 numbber of, cotyledons/seed for type of foot; presenpedabsence of cambium/AW; presenpedabsence of cambium	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E E Gomection to stem/AW; Sheath no petiole; 3 numbber of, cotyledons/seed for type of foot; presenpedabsence of cambium/AW; presenpedabsence of cambium	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width/shape; 1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of, covledons/seed for type of foot; 5 feaves; 7 mumber of, covledons/seed by the of foot; 5 feaves; 6 for the offoot; 6 for the offoot; 6 for the offoot; 6 for the offoot; 7 februs roots; 7 februs roots; 7 februs roots; 6 for the offoot; 7 februs roots; 7 februs roots; 7 februs roots; 8 februs roots; 9 febr	(b) Sclanum tuberosum G G Glycine max C Manifot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E E Glaconnection to stem/AW; Stead of finaned) flower parts; number of, cotyledons/seed type of foot; presenpedabsence of cambium/AW; presenpedabsence of cambium/AW; presenpedabsence of cambium/AW; no, cambium/woody tissue; max [1]	(b) general features:    Colganum tuberosum   C	(b) general features:  1 leaf, width / shape; 5 leaves; 6 type of front of vascular bundles; 8 presenbelabsence of cambium+AW; 8 presenbelabsence of cambium+AW; 1 minder of vascular bundles; 9 presenbelabsence of cambium/AW; 1 leaf, width / shape; 1 leaf, width / shape; 2 leaf connection to stem/AW; 3 number of camed of framed) flower parts; 6 type of front; 7 max [3] 8 presenbelabsence of cambium/woody tissue; 9 presenbelabsence of cambium/woody tissue; 1 max [1]	(b) general features:  1 leaf, width / shape; 5 leaves; 6 type of front of vascular bundles; 8 presenbelabsence of cambium+AW; 8 presenbelabsence of cambium+AW; 1 minder of vascular bundles; 9 presenbelabsence of cambium/AW; 1 leaf, width / shape; 1 leaf, width / shape; 2 leaf connection to stem/AW; 3 number of camed of framed) flower parts; 6 type of front; 7 max [3] 8 presenbelabsence of cambium/woody tissue; 9 presenbelabsence of cambium/woody tissue; 1 max [1]	(b) general features:  1 leaf, width / shape; 5 cleaves; 6 type of front of flower parts; Cambium AW; 8 presence defeate of cambium AW; 1 leaf, width / shape; 2 the formed flower parts; 3 number of cayledons / seed 6 type of front of flower parts; 6 type of front of flower parts; 7 mumber of vascular bundles; 8 presence bundles; 9 presence bundles; 1 parter of vascular bundles; 2 parter of vascular bundles; 3 max [1]	(b) general features:  1 leaf, width / shape; 5 cleaves; 6 type of front of flower parts; Cambium AW; 8 presence defeate of cambium AW; 1 leaf, width / shape; 2 the formed flower parts; 3 number of cayledons / seed 6 type of front of flower parts; 6 type of front of flower parts; 7 mumber of vascular bundles; 8 presence bundles; 9 presence bundles; 1 parter of vascular bundles; 2 parter of vascular bundles; 3 max [1]	(b) general features:  1 leaf, width / shape; 5 cleaves; 6 type of front of flower parts; Cambium AW; 8 presence defeate of cambium AW; 1 leaf, width / shape; 2 the formed flower parts; 3 number of cayledons / seed 6 type of front of flower parts; 6 type of front of flower parts; 7 mumber of vascular bundles; 8 presence bundles; 9 presence bundles; 1 parter of vascular bundles; 2 parter of vascular bundles; 3 max [1]
	(b) Solanum tuberosum G G Glycine max C Maniford esculenta F Ipomoea batatas B Zea mays A Oryza sativa E Ieaf connection to stem/AW; Sheath no petiole; 3 number of, cotyledons/seed for type of foot; persenpelabsence of cambium/AW; presenpelabsence of cam	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width/shape; a number of (named) flower parts; number of, cotyledons/seed by the of floot; pleasengelabsence of cambium/AW; presengelabsence o	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width/shape; a leaf connection to stem/AW; sheath/no petiole; 3 numbber of, cotyledons/seed for yope of foot; proceediabsence of cambium/AW; proceediabsence of cambium/AW; procedual pr	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width/shape; a leaf connection to stem/AW; sheath/no petiole; 3 numbber of, cotyledons/seed for yope of foot; proceediabsence of cambium/AW; proceediabsence of cambium/AW; procedual pr	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width/shape; a leaf connection to stem/AW; sheath/no petiole; 3 numbber of, cotyledons/seed for yope of foot; proceediabsence of cambium/AW; proceediabsence of cambium/AW; procedual pr	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width/shape; a number of (named) flower parts; number of, cotyledons/seed by the of floot; pleasengelabsence of cambium/AW; presengelabsence o	(b) Sclanum tuberosum G G Glycine max C Manifrot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width/shape; Seafer connection to stem/AW; Sheath/no petiole; 3 number of, cotyledons/seed for type of foot; presenpedabsence of cambium/AW; no, cambium/woody tissue; max [1]	(b) general features:    Colanum tuberosum   C	(b) general features:  1 leaf, width / shape; 5 leaves; 6 type of for, cotyledons / seed  5 type of for, seed bundles; 6 type of manual flower parts; 7 presembelabsence of cambium / twoody tissue; 8 presembelabsence of cambium / twoody tissue; 9 type of manual flower parts; 1 number of cambium / twoody tissue; 1 leaf, width / shape; 2 leaf connection to stem/AW; 3 number of cotyledons / seed 6 type of ford; 6 type of ford; 7 presembelabsence of cambium / twoody tissue; 8 presembelabsence of cambium / twoody tissue; 9 presembelabsence of	(b) general features:  1 leaf, width / shape; 5 leaves; 6 type of for, cotyledons / seed  5 type of for, seed bundles; 6 type of manual flower parts; 7 presembelabsence of cambium / twoody tissue; 8 presembelabsence of cambium / twoody tissue; 9 type of manual flower parts; 1 number of cambium / twoody tissue; 1 leaf, width / shape; 2 leaf connection to stem/AW; 3 number of cotyledons / seed 6 type of ford; 6 type of ford; 7 presembelabsence of cambium / twoody tissue; 8 presembelabsence of cambium / twoody tissue; 9 presembelabsence of	(b) general features:  1 leaf, width / shape; 5 deaves; 5 feaves; 6 type of ford; 7 proceed building the ord of vascular bundles; 8 presembelabsence of cambium#AW; 8 presembelabsence of cambium#AW; 9 presemble absence of cambi	(b) general features:  1 leaf, width / shape; 5 deaves; 5 feaves; 6 type of ford; 7 proceed building the ord of vascular bundles; 8 presembelabsence of cambium#AW; 8 presembelabsence of cambium#AW; 9 presemble absence of cambi	(b) general features:  1 leaf, width / shape; 5 deaves; 5 feaves; 6 type of ford; 7 proceed building the ord of vascular bundles; 8 presembelabsence of cambium#AW; 8 presembelabsence of cambium#AW; 9 presemble absence of cambi
	(b) Solanum tuberosum G G Glycine max C Maniford esculenta F Ipomoea batatas B Zea mays A Oryza sativa E af connection to stem/AW; sheath no petiole; 3 number of (named) flower parts; number of (named) flower parts; number of cambium/AW; plesencelabsence of cambium/AW; proceediabsence of cambium/AW; proceediabsence of cambium/AW; procedual procedual parts of the cambium/woody tissue; max [1]	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E at connection to stem/AW; sheath no petiole; 3 numbber of, cotyledons/seed fear seaves; one cotyledon seed leaf; pattern of vascular bundles; potesenpeabsence of cambium/AW; sheath mody tissue; no, cambium/woody tissue; max [1]	(b) Solanum tuberosum G G Glycine max C Manibot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width/shape; a number of (named) flower parts; no cambium/woody tissue; no, cambium/woody tissue; no, cambium/woody tissue; max [1]	(b) Solanum tuberosum G G Glycine max C Manibot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width/shape; a number of (named) flower parts; no cambium/woody tissue; no, cambium/woody tissue; no, cambium/woody tissue; max [1]	(b) Solanum tuberosum G G Glycine max C Manibot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width/shape; a number of (named) flower parts; no cambium/woody tissue; no, cambium/woody tissue; no, cambium/woody tissue; max [1]	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E at connection to stem/AW; sheath no petiole; 3 numbber of, cotyledons/seed fear seaves; one cotyledon seed leaf; pattern of vascular bundles; potesenpeabsence of cambium/AW; sheath mody tissue; no, cambium/woody tissue; max [1]	(b) Sclanum tuberosum G G Glycine max C Manifrot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E at connection to stem/AW; Stead of (named) flower parts; number of, cotyledons/seed flype of floot; pype of floot; phesengelabsence of cambium/AW; no, cambium/woody tissue; max [1]	(b) general features:    Colanum tuberosum   C   C	(b) general features:  1 leaf, width / shape; 1 leaf connection to stem/AW; 2 the formed of vacular bundles; 3 the formed of vacular bundles; 4 the features: 5 the features: 6 the features: 7 Thicking have beta features: 1 leaf, width / shape; 2 leaf connection to stem/AW; 3 number of, cotyledon's seed feat; 5 the features in multiples of 3; 6 the features in multiples of 3; 7 The features in multiples of 3; 8 pattern of vacular bundles; 9 pattern of vacular bundles; 1 pattern of vacular bundles; 1 pattern of vacular bundles; 1 pattern of vacular bundles; 2 cambium / woody tissue; 3 max [1]	(b) general features:  1 leaf, width / shape; 1 leaf connection to stem/AW; 2 the formed of vacular bundles; 3 the formed of vacular bundles; 4 the features: 5 the features: 6 the features: 7 Thicking have beta features: 1 leaf, width / shape; 2 leaf connection to stem/AW; 3 number of, cotyledon's seed feat; 5 the features in multiples of 3; 6 the features in multiples of 3; 7 The features in multiples of 3; 8 pattern of vacular bundles; 9 pattern of vacular bundles; 1 pattern of vacular bundles; 1 pattern of vacular bundles; 1 pattern of vacular bundles; 2 cambium / woody tissue; 3 max [1]	(b) general features:  1 leaf, width / shape; 1 leaf connection to stem/AW; 2 type of front of vacular bundles; 3 type of frox; 4 type of frox; 5 type of frox; 6 type of more type of frox; 7 Through type of frox; 8 type of frox; 9 type of frox; 1 leaf width / shape; 1 leaf width / shape; 2 the from type of frox; 3 type of frox; 4 type of frox; 5 type of frox; 6 type of frox; 7 Through type of frox; 8 type of frox; 9 type of frox; 1 leaf width / shape; 1 leaf width / shape; 2 the from type of frox; 9 the from type of frox; 1 leaf width / shape; 1 leaf width / shape; 2 the from type of frox; 1 leaf width / shape; 2 the from type of frox; 3 the from type of frox; 4 the from type of frox; 5 type of frox; 6 type of frox; 6 type of frox; 7 the from type of frox; 8 type of frox; 9 type of frox; 1 leaf width / shape; 9 the from type of frox; 1 leaf width / shape; 2 leaf width / shape; 2 leaf width / shape; 3 leaf width / shape; 1 leaf width / shape; 2 leaf width / shape; 3 leaf width / shape; 2 leaf width / shape; 3 leaf width / shape; 2 leaf width / shape; 3 leaf width	(b) general features:  1 leaf, width / shape; 1 leaf connection to stem/AW; 2 type of front of vacular bundles; 3 type of frox; 4 type of frox; 5 type of frox; 6 type of more type of frox; 7 Through type of frox; 8 type of frox; 9 type of frox; 1 leaf width / shape; 1 leaf width / shape; 2 the from type of frox; 3 type of frox; 4 type of frox; 5 type of frox; 6 type of frox; 7 Through type of frox; 8 type of frox; 9 type of frox; 1 leaf width / shape; 1 leaf width / shape; 2 the from type of frox; 9 the from type of frox; 1 leaf width / shape; 1 leaf width / shape; 2 the from type of frox; 1 leaf width / shape; 2 the from type of frox; 3 the from type of frox; 4 the from type of frox; 5 type of frox; 6 type of frox; 6 type of frox; 7 the from type of frox; 8 type of frox; 9 type of frox; 1 leaf width / shape; 9 the from type of frox; 1 leaf width / shape; 2 leaf width / shape; 2 leaf width / shape; 3 leaf width / shape; 1 leaf width / shape; 2 leaf width / shape; 3 leaf width / shape; 2 leaf width / shape; 3 leaf width / shape; 2 leaf width / shape; 3 leaf width	(b) general features:  1 leaf, width / shape; 1 leaf connection to stem/AW; 2 type of front of vacular bundles; 3 type of frox; 4 type of frox; 5 type of frox; 6 type of more type of frox; 7 Through type of frox; 8 type of frox; 9 type of frox; 1 leaf width / shape; 1 leaf width / shape; 2 the from type of frox; 3 type of frox; 4 type of frox; 5 type of frox; 6 type of frox; 7 Through type of frox; 8 type of frox; 9 type of frox; 1 leaf width / shape; 1 leaf width / shape; 2 the from type of frox; 9 the from type of frox; 1 leaf width / shape; 1 leaf width / shape; 2 the from type of frox; 1 leaf width / shape; 2 the from type of frox; 3 the from type of frox; 4 the from type of frox; 5 type of frox; 6 type of frox; 6 type of frox; 7 the from type of frox; 8 type of frox; 9 type of frox; 1 leaf width / shape; 9 the from type of frox; 1 leaf width / shape; 2 leaf width / shape; 2 leaf width / shape; 3 leaf width / shape; 1 leaf width / shape; 2 leaf width / shape; 3 leaf width / shape; 2 leaf width / shape; 3 leaf width / shape; 2 leaf width / shape; 3 leaf width
	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width/shape; a number of (named) flower parts; marrow leaves; a number of (named) flower parts; mumber of note; seed leaf; pattern of vascular bundles; presence absence of cambium/AVV; a cambium/woody tissue; max [1]	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E Ieaf. width shape;  1 leaf. width shape; 2 leaf connection to stem/AW; 3 number of finamed) flower parts; 4 type of foot; 5 feaves; 6 type of foot; 7 deaves; 8 cambium#AW; 9 presenteabsence of cambium/woody tissue; 1 max [3] 1 max [3] 2 leaf connection to stem/AW; 9 sheath no petiole; 1 pattern of vascular bundles; 1 pattern of vascular bundles; 2 cambium#AW; 1 leaf. width shape; 3 number of connection to stem/AW; 4 number of connections of sealer	(b) Solanum tuberosum G G Glycine max C Manibrot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E E Oryza sativa E E Gromection to stem/AW; Sheath no petiole; Inumber of (named) flower parts; Inumber of (named) flower parts; Inumber of confections seed in the properties of t	(b) Solanum tuberosum G G Glycine max C Manibrot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E E Oryza sativa E E Gromection to stem/AW; Sheath no petiole; Inumber of (named) flower parts; Inumber of (named) flower parts; Inumber of confections seed in the properties of t	(b) Solanum tuberosum G G Glycine max C Manibrot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E E Oryza sativa E E Gromection to stem/AW; Sheath no petiole; Inumber of (named) flower parts; Inumber of (named) flower parts; Inumber of confections seed in the properties of t	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E Ieaf. width shape;  1 leaf. width shape; 2 leaf connection to stem/AW; 3 number of finamed) flower parts; 4 type of foot; 5 feaves; 6 type of foot; 7 deaves; 8 cambium#AW; 9 presenteabsence of cambium/woody tissue; 1 max [3] 1 max [3] 2 leaf connection to stem/AW; 9 sheath no petiole; 1 pattern of vascular bundles; 1 pattern of vascular bundles; 2 cambium#AW; 1 leaf. width shape; 3 number of connection to stem/AW; 4 number of connections of sealer	(b) Solanum tuberosum G G Glycine max C Manifrot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E Ieaf connection to stem/AW; Solanum tuber of finamed) flower parts; Inumber of convections of the of pot; T is a number of convections of the of pot; T is a number of convections of the of pot; T is a number of convections of the of pot; T is a number of convections of the of pot; T is a number of convections of the of pot; T is a number of convections of the of pot; T is a number of convections of the of pot; T is a number of convections of the of pot; T is a number of convections of the of pot; T is a number of convections of the of pot; T is a number of convections of the of pot; T is a number of the of	(b) general features:    Colanum tuberosum   C   C	(b) general features:    Colganum tuberosum   C   C   C	(b) general features:    Colganum tuberosum   C   C   C	(b) general features:    Colanum tuberosum   C	(b) general features:    Colanum tuberosum   C	(b) general features:    Colanum tuberosum   C
	(b) general features:  (b) general features:  (b) general features:  (b) general features:  (c) I leaf, width/shape;  2 leaf connection to stem/AW;  (d) general features:  3 number of fromed) flower parts;  4 thurber of fromed) flower parts;  6 type of froet;  7 pattern of vascular bundles;  8 presence label size ambum/AW;  8 presence label size ambum/AW;  9 cambium/AW;  1 max [3]  1 max [3]  1 max [3]  1 max [3]  2 leaf connection to stem/AW;  3 number of froet;  4 thurber of froet;  5 cambium/AW;  8 presence label size ambum/AW;  9 cambium/AW;  1 max [1]	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E S leaf connection to stem/AW; sheath no petiole; sheath no cambium table; sheath no cambium table	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E C Oryza sativa E E S Leaf connection to stem/AW; Sheath no petiole; S Leaves; C type of pot; C ambium/AW; S C ambium/AW; S C C ambium/AW; S C C ambium/woody tissue; B C C C C C C C C C C C C C C C C C C	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E C Oryza sativa E E S Leaf connection to stem/AW; Sheath no petiole; S Leaves; C type of pot; C ambium/AW; S C ambium/AW; S C C ambium/AW; S C C ambium/woody tissue; B C C C C C C C C C C C C C C C C C C	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E C Oryza sativa E E S Leaf connection to stem/AW; Sheath no petiole; S Leaves; C type of pot; C ambium/AW; S C ambium/AW; S C C ambium/AW; S C C ambium/woody tissue; B C C C C C C C C C C C C C C C C C C	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E S leaf connection to stem/AW; sheath no petiole; sheath no cambium table; sheath no cambium table	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E E Oryza sativa E E Ineaf, width/shape; S leaf connection to stem/AW; S number of (named) flower parts; Inumber of (named) flower parts; Inumber of note; S flower parts; Inone cotyledon/seed leaf; S flower note; S flower parts; Inone cotyledon/seed leaf; S flower note;	(b) general features:    Cange of the connection to stem / A	(b) general features:    Contract safe width shape;   Search of connection to stem for whether of connection to stem for whether of connection to stem for wear parts;   Search of connection to stem for wear parts;   Search of connection to stem for seed leaf;   Search of connection to stem for see	(b) general features:    Contract safe width shape;   Search of connection to stem for whether of connection to stem for whether of connection to stem for wear parts;   Search of connection to stem for wear parts;   Search of connection to stem for seed leaf;   Search of connection to stem for see	(b) general features:    Contract safe width shape;   Search of connection to stem / A number of (named) flower parts;   Search of vectors of connection to stem of vectors of vectors of vectors of v	(b) general features:    Contract safe width shape;   Search of connection to stem / A number of (named) flower parts;   Search of vectors of connection to stem of vectors of vectors of vectors of v	(b) general features:    Contract safe width shape;   Search of connection to stem / A number of (named) flower parts;   Search of vectors of connection to stem of vectors of vectors of vectors of v
	(b) Solanum tuberosum G G  Glycine max C C  Manihot esculenta F F  Ipomoea batatas B Zea mays  Coryza sativa E E  Oryza sativa E E  Oryza sativa E E  Theaf, width shape;  a uumber of (named) flower parts;  thower parts in multiples of 3;  number of cotyledons/seed leaf;  flower parts in multiples of 3;  the or tool;  general features:  a number of mamed) flower parts;  thore or tool;  flower parts in multiples of 3;  flower parts in multiples of 4;  flower parts in max [1]	(b) general features:  Coryza sativa  Triticum aestivum  Glycine max  Campinot esculenta  Donyza sativa  I leaf, width shape;  a uurper of (named) flower parts;  b feaves;  Campinot escular bundles;  Coryza sativa  T partern of vascular bundles;  B pesence/absence of  Cambiumr/AW;  Row parts in multiples of 3;  flower parts in multiples of 4;  flower parts in max [1]	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E C Oryza sativa E E Seneral features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of formed) flower parts; flower parts in multiples of 3; number of root; fibrous roots; fibrous roots; fibrous roots; fibrous roots; fibrous roots; fibrous roots; cambium/woody tissue; plessence/absence of cambium/woody tissue; max [1]	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E C Oryza sativa E E Seneral features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of formed) flower parts; flower parts in multiples of 3; number of root; fibrous roots; fibrous roots; fibrous roots; fibrous roots; fibrous roots; fibrous roots; cambium/woody tissue; plessence/absence of cambium/woody tissue; max [1]	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E C Oryza sativa E E Seneral features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of formed) flower parts; flower parts in multiples of 3; number of root; fibrous roots; fibrous roots; fibrous roots; fibrous roots; fibrous roots; fibrous roots; cambium/woody tissue; plessence/absence of cambium/woody tissue; max [1]	(b) general features:  Coryza sativa  Triticum aestivum  Glycine max  Campinot esculenta  Donyza sativa  I leaf, width shape;  a uurper of (named) flower parts;  b feaves;  Campinot escular bundles;  Coryza sativa  T partern of vascular bundles;  B pesence/absence of  Cambiumr/AW;  Row parts in multiples of 3;  flower parts in multiples of 4;  flower parts in max [1]	(b) general features:    Conyza sativa   C   C	(b) general features:    Caycine max	(b) general features:    Cambidinate sculenta	(b) general features:    Cambidinate sculenta	(b) general features:    Capture max   C   Manihot esculenta   E   Manihot esc	(b) general features:    Capture max   C   Manihot esculenta   E   Manihot esc	(b) general features:    Capture max   C   Manihot esculenta   E   Manihot esc
() (1)	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C Manihot esculenta F  Donza sativa E B  Zea mays  Oryza sativa E B  Oryza sativa E E  Oryza sativa E I leaf, width/shape;  1 leaf, width/shape;  3 number of connection to stem/AW;  5 feaves;  5 feaves;  6 ftype of pot;  7 pattern of vascular bundles;  8 presence/absence of cambium/woody tissue;  6 cambium/AW;  7 pattern of vascular bundles;  8 presence/absence of cambium/woody tissue;  8 presence/absence of cambium/woody tissue;  1 leaf, width/shape;  8 presence/absence of cambium/woody tissue;  1 leaf, width/shape;  1 leaf, width/shape;  2 leaf connection to stem/AW;  5 feaves;  6 cambium/AW;  1 leaf, width/shape;  1 leaf, width/shape;  2 leaf connection to stem/AW;  3 number of, cotyledons/seed leaf;  5 feaves;  6 cambium/AW;  1 leaf, width/shape;  1 leaf, width/shape;  2 leaf connection to stem/AW;  3 number of, cotyledons/seed leaf;  6 from cotyledon features:  8 pattern of vascular bundles;  1 leaf, width/shape;  1 leaf, width/shape;  2 leaf connection to stem/AW;  3 number of, cotyledons/seed leaf;  6 from cotyledon features:  8 presence/absence of  9 conditionarial multiples of 3;  10 cotyledon features:  10 newx [3]	(b) general features:  Coryza sativa  Triticum aestivum  Glycine max  Coryza sativa  Leaf width/shape;  Leaf connection to stem/AW;  Satisfand of cotyledons/seed  Frameways  Coryza sativa  Leaf width/shape;  Leaf connection to stem/AW;  Satisfand of cotyledons/seed leaf;  Frameways  A number of cotyledons/seed  Frameways  A number of cotyledons/seed leaf;  Frameways  Frame	(b) Solarum tuberosum G G  Glycine max C C  Manihot esculenta F  Ipomoea batatas B  Zea mays  Oryza sativa E  Oryza sativa E  1 leaf, width/shape; 2 a number of convection to stem/AW; 5 feaves; 5 feaves; 6 type of foot; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 8 presence/absence of cambium/woody tissue; 9 cambiumr/AW; 1 leaf, width/shape; 1 leaf, width/shape; 2 a number of cotyledons/seed leaf; 5 feaves; 6 cambiumr/AW; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 9 cambiumr/AW; 1 leaf, width/shape; 1 leaf, width/shape; 2 a number of cotyledons/seed leaf; 3 number of cotyledons/seed leaf; 4 number of cotyledons/seed leaf; 5 feaves; 6 cambiumr/AW; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 9 presence/absence of cambium/woody tissue; 1 leaf, width/shape; 1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of cotyledons/seed leaf; 6 fearbitmer/AW; 7 presence/absence of cambium/woody tissue; 8 presence/absence of cambium/woody tissue; 9 presence/absence	(b) Solarum tuberosum G G  Glycine max C C  Manihot esculenta F  Ipomoea batatas B  Zea mays  Oryza sativa E  Oryza sativa E  1 leaf, width/shape; 2 a number of convection to stem/AW; 5 feaves; 5 feaves; 6 type of foot; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 8 presence/absence of cambium/woody tissue; 9 cambiumr/AW; 1 leaf, width/shape; 1 leaf, width/shape; 2 a number of cotyledons/seed leaf; 5 feaves; 6 cambiumr/AW; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 9 cambiumr/AW; 1 leaf, width/shape; 1 leaf, width/shape; 2 a number of cotyledons/seed leaf; 3 number of cotyledons/seed leaf; 4 number of cotyledons/seed leaf; 5 feaves; 6 cambiumr/AW; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 9 presence/absence of cambium/woody tissue; 1 leaf, width/shape; 1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of cotyledons/seed leaf; 6 fearbitmer/AW; 7 presence/absence of cambium/woody tissue; 8 presence/absence of cambium/woody tissue; 9 presence/absence	(b) Solarum tuberosum G G  Glycine max C C  Manihot esculenta F  Ipomoea batatas B  Zea mays  Oryza sativa E  Oryza sativa E  1 leaf, width/shape; 2 a number of convection to stem/AW; 5 feaves; 5 feaves; 6 type of foot; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 8 presence/absence of cambium/woody tissue; 9 cambiumr/AW; 1 leaf, width/shape; 1 leaf, width/shape; 2 a number of cotyledons/seed leaf; 5 feaves; 6 cambiumr/AW; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 9 cambiumr/AW; 1 leaf, width/shape; 1 leaf, width/shape; 2 a number of cotyledons/seed leaf; 3 number of cotyledons/seed leaf; 4 number of cotyledons/seed leaf; 5 feaves; 6 cambiumr/AW; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 9 presence/absence of cambium/woody tissue; 1 leaf, width/shape; 1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of cotyledons/seed leaf; 6 fearbitmer/AW; 7 presence/absence of cambium/woody tissue; 8 presence/absence of cambium/woody tissue; 9 presence/absence	(b) general features:  Coryza sativa  Triticum aestivum  Glycine max  Coryza sativa  Leaf width/shape;  Leaf connection to stem/AW;  Satisfand of cotyledons/seed  Frameways  Coryza sativa  Leaf width/shape;  Leaf connection to stem/AW;  Satisfand of cotyledons/seed leaf;  Frameways  A number of cotyledons/seed  Frameways  A number of cotyledons/seed leaf;  Frameways  Frame	(b) general features:  Coryza sativa  Triticum aestivum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Doryza sativa  I leaf, width shape;  a number of connection to stem/AW;  S feaves;  S feaves;  S feaves;  S feaves;  S feaves;  S fear of boot;  C ambium/AW;  S cartered vascular bundles;  C ambium/AW;	(b) general features:    Can mays   A   A     Coryza sativa   E     Coryza sativa   E	(b) general features:    Convergence   Conve	(b) general features:    Convergence   Conve	(b) general features:    Conyza safiva   Campuber of (named) flower parts;   Campuber of (named) flower parts;   Campuber of conyledons / seed feat	(b) general features:    Conyza safiva   Campuber of (named) flower parts;   Campuber of (named) flower parts;   Campuber of conyledons / seed feat	(b) general features:    Conyza safiva   Campuber of (named) flower parts;   Campuber of (named) flower parts;   Campuber of conyledons / seed feat
	(b) Solanum tuberosum G G  Glycine max C Manihot esculenta F F    Domoea batatas B   E	(b) Solarum tuberosum G G  Glycine max C C  Manihot esculenta F F  Domoea batatas B Zea mays  Zea mays  Coryza sativa E E  Oryza sativa E E  Oryza sativa E E  T leaf. width/shape;  a number of (named) flower parts; in multiples of 3; one cotyledon/seed leaf; sheath no petiole; flower parts in multiples of 5 flower parts; one cotyledon/seed leaf; flower parts in multiples of 3; one cotyledon/seed leaf; flower parts in multiples one 2; one cotyledon/seed leaf; flower parts in multiples one 2; one cotyledon/seed leaf; flower parts in max [1]	(b) Solarum tuberosum G G  Glycine max C  Manihot esculenta F  Donza sativa E  Coryza sativa E  Monocotyledon features:  Romencotyledon featur	(b) Solarum tuberosum G G  Glycine max C  Manihot esculenta F  Donza sativa E  Coryza sativa E  Monocotyledon features:  Romencotyledon featur	(b) Solarum tuberosum G G  Glycine max C  Manihot esculenta F  Donza sativa E  Coryza sativa E  Monocotyledon features:  Romencotyledon featur	(b) Solarum tuberosum G G  Glycine max C C  Manihot esculenta F F  Domoea batatas B Zea mays  Zea mays  Coryza sativa E E  Oryza sativa E E  Oryza sativa E E  T leaf. width/shape;  a number of (named) flower parts; in multiples of 3; one cotyledon/seed leaf; sheath no petiole; flower parts in multiples of 5 flower parts; one cotyledon/seed leaf; flower parts in multiples of 3; one cotyledon/seed leaf; flower parts in multiples one 2; one cotyledon/seed leaf; flower parts in multiples one 2; one cotyledon/seed leaf; flower parts in max [1]	(b) general features:  Cycline max C Manihot esculenta F Domoea batatas Coryza sativa E Monocotyledon features: Coryza sativa E Monocotyledon features: Coryza sativa Coryza sativa Coryza sativa E Monocotyledon features: Coryza sativa Coryza sativa Coryza sativa E Monocotyledon features: Coryza sativa Coryza sativa Coryza sativa Coryza sativa E Monocotyledon features: Coryza sativa Coryza sat	(b) general features:    Coryza sativa   C   Manihot esculenta   F   Domoea batatas   B   Doryza sativa   E   Doryza sativa   Leaf, width / shape;   Coryza sativa   Leaf, width / shape;   Leaf, width / shape;   Leaf, width / shape;   Leaf, width / shap	(b) general features:    Coryza sativa   Campun turber of cotyledons of from periods of from p	(b) general features:    Coryza sativa   Campun turber of cotyledons of from periods of from p	(b) general features:    Conyza sativa   Campon connection to stem / A number of cotyledons / seed end in the power parts;   Campon connection to stem / A number of cotyledons / seed end is connection to stem of vaccular bundles;   Campon cotyledon / seed leaf;   Campon cotyledon / see	(b) general features:    Conyza sativa   Campon connection to stem / A number of cotyledons / seed end in the power parts;   Campon connection to stem / A number of cotyledons / seed end is connection to stem of vaccular bundles;   Campon cotyledon / seed leaf;   Campon cotyledon / see	(b) general features:    Conyza sativa   Campon connection to stem / A number of cotyledons / seed end in the power parts;   Campon connection to stem / A number of cotyledons / seed end is connection to stem of vaccular bundles;   Campon cotyledon / seed leaf;   Campon cotyledon / see
	(b) Solanum tuberosum G G  Glycine max C C  Manihot esculenta F   Pomoea batatas B   Zea mays   A    Oryza sativa E   Damoocotyledon features:  1 leaf, width/shape;   Patrow leaves;   Sheath/no petiole;   Sheaves;   Itower parts in multiples of 3;   One cotyledon/seed leaf;   Itower parts in multiples of 3;   One cotyledon/seed leaf;   Itower parts in multiples of 3;   One cotyledon/seed leaf;   Itower parts in multiples of 3;   One cotyledon/seed leaf;   Itower parts in multiples of 3;   One cotyledon/seed leaf;   Itower parts in multiples of 3;   One cotyledon/seed leaf;   Itower parts in multiples of 3;   One cotyledon/seed leaf;   Itower parts in multiples of 3;   One cotyledon/seed leaf;   Itower parts in multiples of 3;   One cotyledon/seed leaf;   Itower parts in multiples of 3;   One cotyledon/seed leaf;   Itower parts in multiples of 3;   One cotyledon/seed leaf;   Itower parts in multiples of 3;   One cotyledon/seed leaf;   Itomer parts in multiples of 3;   One cotyledon/seed leaf;   Itomer parts in multiples of 3;   One cotyledon/seed leaf;   Itomer parts in multiples of 3;   One cotyledon/seed leaf;   Itomer parts in multiples of 3;   One cotyledon/seed leaf;   Itomer parts in multiples of 3;   One cotyledon/seed leaf;   Itomer parts in multiples of 3;   One cotyledon/seed leaf;   Itomer parts in multiples of 3;   One cotyledon/seed leaf;   Itomer parts in multiples of 3;   One cotyledon/seed leaf;   Itomer parts in multiples of 3;   One cotyledon/seed leaf;   Itomer parts in multiples of 3;   One cotyledon/seed leaf;   Itomer parts in multiples of 3;   One cotyledon/seed leaf;   Itomer parts in multiples of 3;   One cotyledon/seed leaf;   Itomer parts in multiples of 3;   One cotyledon/seed leaf;   Itomer parts in multiples of 3;   One cotyledon/seed leaf;   Itomer parts in multiples of 3;   One cotyledon/seed leaf;   Itomer parts in multiples of 3;   One cotyledon/seed leaf;   Itomer parts in multiples of 3;   One cotyledon/seed leaf;   Itomer parts in multiples of 3;   One cotyledon/seed leaf;	(b) General features:  (b) General features:  (b) General features:  (b) General features:  (c) Manihot esculenta  (d) Manihot esculenta  (e) Manihot esculenta  (f) Manihot esculenta	(b) Solanum tuberosum G G  Glycine max C C  Manihot esculenta F  Ipomoea batatas B  Zea mays  Oryza sativa E  Oryza sativa E  1 leaf, width/shape; 2 leaf connection to stem/AW; 5 feaves; 6 type of root; 7 gattern of vascular bundles; 6 type of root; 7 gattern of vascular bundles; 8 cattered vascular bundles; 9 plesenbelabsence of cambium/woody tissue;	(b) Solanum tuberosum G G  Glycine max C C  Manihot esculenta F  Ipomoea batatas B  Zea mays  Oryza sativa E  Oryza sativa E  1 leaf, width/shape; 2 leaf connection to stem/AW; 5 feaves; 6 type of root; 7 gattern of vascular bundles; 6 type of root; 7 gattern of vascular bundles; 8 cattered vascular bundles; 9 plesenbelabsence of cambium/woody tissue;	(b) Solanum tuberosum G G  Glycine max C C  Manihot esculenta F  Ipomoea batatas B  Zea mays  Oryza sativa E  Oryza sativa E  1 leaf, width/shape; 2 leaf connection to stem/AW; 5 feaves; 6 type of root; 7 gattern of vascular bundles; 6 type of root; 7 gattern of vascular bundles; 8 cattered vascular bundles; 9 plesenbelabsence of cambium/woody tissue;	(b) General features:  (b) General features:  (b) General features:  (b) General features:  (c) Manihot esculenta  (d) Manihot esculenta  (e) Manihot esculenta  (f) Manihot esculenta	(b) general features:  (b) general features:  (b) general features:  (b) general features:  (c) Triticum aestivum  (d) Manihote sculenta  (e) Manihote sculenta  (f) Manihote sculenta  (f) Manihote sculenta  (f) Manihote statures:  (h) Manihote st	(b) general features:  Coryza sativa  Timcum aestrivum  Solanum tuberosum  Glycine max  Manihot esculenta  Doryza sativa  Tea mays  Coryza sativa  Tea mays  Coryza sativa  Tea mays  Coryza sativa  Tea mays  Coryza sativa  Tea monocotyledon features:  Tea mays  A monocotyledon features:  Tea max [3]  Tea max [4]  Tea max [7]  Tea max [8]  Tea max [1]  Tea max [1]  Tea max [1]	(b) general features:  Coryza sativa  The features:  (b) general features:  Coryza sativa  The features:  The f	(b) general features:  Coryza sativa  The features:  (b) general features:  Coryza sativa  The features:  The f	(b) general features:  Coryza sativa  The width shape;  B Coryza sativa  The width shape;  The width s	(b) general features:  Coryza sativa  The width shape;  B Coryza sativa  The width shape;  The width s	(b) general features:  Coryza sativa  The width shape;  B Coryza sativa  The width shape;  The width s
	(b) Solarum tuberosum G G  Glycine max C  Manihot esculenta F  Domoea batatas B  Zea mays  Onyza sativa  1 leaf, width /shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; mearth /no petiole; 5 feaves; 6 type of root; 7 pattern of vascular bundles; 8 scattered vascular bundles; 8 scattered vascular bundles; 9 presence/absence of cambium/woody tissue; 1 max [1]	(b) Solarum tuberosum G G  Glycine max C C  Manihot esculenta F  Ipomoea batatas B  Zea mays  Onyza sativa E  Onyza sativa E  1 leaf, width /shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; flower parts in multiples of 3; one cotyledon/seed leaf; fibrous roots; 5 fleaves; 6 type of root; 7 patem of vascular bundles; scattered vascular bundles; presence/abscular bundles; no, cambium/woody tissue; max [1]	(b) Solanum tuberosum G G Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B A Oryza sativa E Oryza sativa E S connection to stem/AW; shape; sheath / no petiole; sheaves; shear of root; shear of vascular bundles; presence/absence of cambium/woody tissue; max [1]  (b) Gycine max C Manihot esculenta F Manihot esculenta E Manihot esculenta E Manihot esculenta E Manihot esculenta E Manihot stem/AW; sheath / no petiole; sheave; shear of toot; one cotyledon/seed leaf; fibrous roots; scattered vascular bundles; presence/absence/	(b) Solanum tuberosum G G Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B A Oryza sativa E Oryza sativa E S connection to stem/AW; shape; sheath / no petiole; sheaves; shear of root; shear of vascular bundles; presence/absence of cambium/woody tissue; max [1]  (b) Gycine max C Manihot esculenta F Manihot esculenta E Manihot esculenta E Manihot esculenta E Manihot esculenta E Manihot stem/AW; sheath / no petiole; sheave; shear of toot; one cotyledon/seed leaf; fibrous roots; scattered vascular bundles; presence/absence/	(b) Solanum tuberosum G G Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B A Oryza sativa E Oryza sativa E S connection to stem/AW; shape; sheath / no petiole; sheaves; shear of root; shear of vascular bundles; presence/absence of cambium/woody tissue; max [1]  (b) Gycine max C Manihot esculenta F Manihot esculenta E Manihot esculenta E Manihot esculenta E Manihot esculenta E Manihot stem/AW; sheath / no petiole; sheave; shear of toot; one cotyledon/seed leaf; fibrous roots; scattered vascular bundles; presence/absence/	(b) Solarum tuberosum G G  Glycine max C C  Manihot esculenta F  Ipomoea batatas B  Zea mays  Onyza sativa E  Onyza sativa E  1 leaf, width /shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; flower parts in multiples of 3; one cotyledon/seed leaf; fibrous roots; 5 fleaves; 6 type of root; 7 patem of vascular bundles; scattered vascular bundles; presence/abscular bundles; no, cambium/woody tissue; max [1]	(b) Solanum tuberosum G G  Glycine max C C  Manihot esculenta F F  Ipomoea batatas B Zea mays  Oryza sativa E E  Oryza sativa E E  Coryza sativa E E  T general features:  I leaf, width / shape;  S eff connection to stem / AW;  I leaf, width / shape;  S therefore to find the coryledon features:  I leaf, width / shape;  S therefore aves;  I leaf, width / shape;  S therefore average bata in multiples of 3;  I humber of campident / AW;  I presence/absence of cambium / woody tissue;  R max [1]  Max [1]  Max [2]  Max [3]  Max [3]  Max [1]	(b) general features:  (b) general features:  (b) general features:  (b) general features:  (c) Tyza sativa  (d) general features:  (e) type of root;  (f) type of root;  (f) type of root;  (f) type of root;  (g) type of root;  (how roots in multiples of 3;  (how roots in multiples i	(b) general features:  Caycine max  Coryza sativa  (b) general features:  Coryza sativa  (c) general features:  Coryza sativa  (d) general features:  Coryza sativa  (e) general features:  Coryza sativa  (f) general features:  Coryza sativa  (h) max [3]  Coryza sativa  (h) general features:  Coryza sativa  (h) max [3]  Coryza sativa  (h) max [3]  Coryza sativa  (h) general features:  Coryza sativa  (h) max [3]  Coryza sativa  (h) max [1]  Coryza sativa	(b) general features:  Caycine max  Coryza sativa  (b) general features:  Coryza sativa  (c) general features:  Coryza sativa  (d) general features:  Coryza sativa  (e) general features:  Coryza sativa  (f) general features:  Coryza sativa  (h) max [3]  Coryza sativa  (h) general features:  Coryza sativa  (h) max [3]  Coryza sativa  (h) max [3]  Coryza sativa  (h) general features:  Coryza sativa  (h) max [3]  Coryza sativa  (h) max [1]  Coryza sativa	(b) general features:  Can mays  Coryza sativa  Theaf, width/ shape; Searconnection to stem/AW; Searco	(b) general features:  Can mays  Coryza sativa  Theaf, width/ shape; Searconnection to stem/AW; Searco	(b) general features:  Can mays  Coryza sativa  Theaf, width/ shape; Searconnection to stem/AW; Searco
	(b) Solarum tuberosum G G  Glycine max C  Manihot esculenta F  Domoea batatas B  Zea mays  Onyza sativa  1 leaf, width /shape; 3 number of (named) flower parts; narrow leaves; 5 fleaves; 6 type of rbot; 7 pattern for vascular bundles; scattered vascular bundles; scattered vascular bundles; cambium/woody tissue;  R pattern for vascular bundles; no, cambium/woody tissue; max [1]	(b) Solanum tuberosum G G  Glycine max C Manihot esculenta F  Manihot esculenta F  Manihot esculenta F  Domoea batatas B  Zea mays  Oryza sativa E  Oryza sativa E  1 leaf, width /shape; sheath / no petiole; sheath / no	(b) Solanum tuberosum G G  Glycine max C Manihot esculenta F  Manihot esculenta F  Manihot esculenta F  Domocea batatas B  Zea mays  Oryza sativa E  Oryza sativa E  1 leaf, width shape; 2 leaf connection to stem/AW; sheath/no petiole; 3 number of (named) flower parts; nower parts in multiples of 3; number of cotyledon/seed leaf; flower parts; nower parts in multiples of 3; type of rbot;  S fleaves; flower parts; nower parts in multiples of 3; number of cotyledon/seed leaf; flower parts in multiples of 3; number of cotyledons/seed leaf; flower parts in max [1]	(b) Solanum tuberosum G G  Glycine max C Manihot esculenta F  Manihot esculenta F  Manihot esculenta F  Domocea batatas B  Zea mays  Oryza sativa E  Oryza sativa E  1 leaf, width shape; 2 leaf connection to stem/AW; sheath/no petiole; 3 number of (named) flower parts; nower parts in multiples of 3; number of cotyledon/seed leaf; flower parts; nower parts in multiples of 3; type of rbot;  S fleaves; flower parts; nower parts in multiples of 3; number of cotyledon/seed leaf; flower parts in multiples of 3; number of cotyledons/seed leaf; flower parts in max [1]	(b) Solanum tuberosum G G  Glycine max C Manihot esculenta F  Manihot esculenta F  Manihot esculenta F  Domocea batatas B  Zea mays  Oryza sativa E  Oryza sativa E  1 leaf, width shape; 2 leaf connection to stem/AW; sheath/no petiole; 3 number of (named) flower parts; nower parts in multiples of 3; number of cotyledon/seed leaf; flower parts; nower parts in multiples of 3; type of rbot;  S fleaves; flower parts; nower parts in multiples of 3; number of cotyledon/seed leaf; flower parts in multiples of 3; number of cotyledons/seed leaf; flower parts in max [1]	(b) Solanum tuberosum G G  Glycine max C Manihot esculenta F  Manihot esculenta F  Manihot esculenta F  Domoea batatas B  Zea mays  Oryza sativa E  Oryza sativa E  1 leaf, width /shape; sheath / no petiole; sheath / no	(b) Solarum tuberosum G G  Glycine max C C  Manihot esculenta F   Domoea batatas B   Domoea batatas B   Corp. Sativa   E   Domoea batatas   B   Corp. Sativa   E   Domoea batatas   B   Domoea batatas   Dom	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E Oryza sativa E E G Gromection to stem/AW; sheath no petitole; sheath no petitole; sheath no petitole; sheaves; sheath no petitole; sheath no petitole; sheaves; sheath no petitole; sheath no petitole; sheaves; sheath no petitole; sheaves; sheath no petitole; sheaves; sheath no petitole; sheaves; sheath no petitole; sheath no petito	(b) general features:  (b) general features:  (b) general features:  (c) Tyza sativa  (d) general features:  (e) general features:  (f) general features:  (f) general features:  (g) general features:  (h) monocotyledon features:  (h) max[3]  (h) profesor features:  (h) general features:  (h) max[4]  (h) profesor features:  (h) max[6]  (h) profesor features:  (h) max[1]  (h) profesor features:  (h) features:  (	(b) general features:  (b) general features:  (b) general features:  (c) Tyza sativa  (d) general features:  (e) general features:  (f) general features:  (f) general features:  (g) general features:  (h) monocotyledon features:  (h) max[3]  (h) profesor features:  (h) general features:  (h) max[4]  (h) profesor features:  (h) max[6]  (h) profesor features:  (h) max[1]  (h) profesor features:  (h) features:  (	(b) general features:  (b) general features:  (b) general features:  (c) Gryza sativa  (d) general features:  (e) general features:  (f) general features:  (f) general features:  (g) general features:  (h)	(b) general features:  (b) general features:  (b) general features:  (c) Gryza sativa  (d) general features:  (e) general features:  (f) general features:  (f) general features:  (g) general features:  (h)	(b) general features:  (b) general features:  (b) general features:  (c) Gryza sativa  (d) general features:  (e) general features:  (f) general features:  (f) general features:  (g) general features:  (h)
	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C Manihot esculenta F  Manihot esculenta F  Domoea batatas B  Zea mays  Oryza sativa E  1 leaf, width shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; in multiples of 3; one cotyledon/seed leaf; is sheath/no peticle; sheath no peticle; one cotyledon/seed leaf; ifforeus roots; scattered vascular bundles; peticencelabsence of cambium/woody tissue; max [1]  8 pesencelabsence of cambium/woody tissue; max [1]	(b) Solanum tuberosum G G Solanum tuberosum G G Glycine max C Manihot esculenta F Domoea batatas B Zea mays A Oryza safiva E 1 leaf, width shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; number of (named) flower parts; numbers of connection to stem/AW; sheath/no peticle; sheath no peticle; one cotyledon/seed leaf; fibrous roots; scattered vascular bundles; peteroneclebsence of cambium/woody tissue; max [1]  8 persencelebsence of cambium/woody tissue; max [1]	(b) Triticum aestivum G Solanum tuberosum G Glycine max C Manihot esculenta F Homoea batatas B Zea mays A Oryza sativa E G Voyza sativa E I leaf. width/shape; sheath / no petiole; sheath / no petiol	(b) Triticum aestivum G Solanum tuberosum G Glycine max C Manihot esculenta F Homoea batatas B Zea mays A Oryza sativa E G Voyza sativa E I leaf. width/shape; sheath / no petiole; sheath / no petiol	(b) Triticum aestivum G Solanum tuberosum G Glycine max C Manihot esculenta F Homoea batatas B Zea mays A Oryza sativa E G Voyza sativa E I leaf. width/shape; sheath / no petiole; sheath / no petiol	(b) Solanum tuberosum G G Solanum tuberosum G G Glycine max C Manihot esculenta F Domoea batatas B Zea mays A Oryza safiva E 1 leaf, width shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; number of (named) flower parts; numbers of connection to stem/AW; sheath/no peticle; sheath no peticle; one cotyledon/seed leaf; fibrous roots; scattered vascular bundles; peteroneclebsence of cambium/woody tissue; max [1]  8 persencelebsence of cambium/woody tissue; max [1]	(b) Solarum tuberosum G G  Glycine max C C  Manihot esculenta F   Domoea batatas B   Domoea batatas B   Coryza sativa   E   Domoea batatas B   Coryza sativa   E   Domoea batatas   B   Domoea batatas   Domoea batatas   B   Domoea batatas   Domoe	(b)  Solanum tuberosum Glycine max Glycine max Glycine max Glycine max Glycine max Caminot esculenta Ipomoea batatas Cae mays Coryza sativa I leaf, width shape; S connection to stem/AW; I leaf, width shape; S number of (named) flower parts; in multiples of 3; in mumber of connection to stem/AW; B flower parts in multiples of 3; in mumber of connection to stem/AW; in mumber of consequence of scattered vascular bundles; in o, cambium/woody tissue;  R flower parts in multiples of 3; in max [1] Cambiumr/AW; Cam	(b)  Solanum tuberosum Glycine max C Manihot esculenta Ipomoea batatas Cea mays Coryza sativa Coryza sativa I leaf, width shape; S end connection to stem/AW; I leaf, width shape; S number of (named) flower parts; in multiples of 3; or flower parts; in multiples of 3; or flower parts; in multiples of 3; or flower parts in multiples or 3; or flower parts in max [1]	(b)  Solanum tuberosum Glycine max C Manihot esculenta Ipomoea batatas Cea mays Coryza sativa Coryza sativa I leaf, width shape; S end connection to stem/AW; I leaf, width shape; S number of (named) flower parts; in multiples of 3; or flower parts; in multiples of 3; or flower parts; in multiples of 3; or flower parts in multiples or 3; or flower parts in max [1]	(b) Solanum tuberosum G G Glycine max C C Manihot esculenta F Ipomoea batatas B Zea mays Oryza sativa E E  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; in multiples of 3; one coyledons/seed leaf; inflower parts in max[1]	(b) Solanum tuberosum G G Glycine max C C Manihot esculenta F Ipomoea batatas B Zea mays Oryza sativa E E  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; in multiples of 3; one coyledons/seed leaf; inflower parts in max[1]	(b) Solanum tuberosum G G Glycine max C C Manihot esculenta F Ipomoea batatas B Zea mays Oryza sativa E E  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; in multiples of 3; one coyledons/seed leaf; inflower parts in max[1]
	(b) Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta Ipomoea batatas B Zea mays A Onza sativa I leaf, width / shape; I leaf, width / s	(b) Solanum tuberosum G Solanum tuberosum G Glycine max Glycine max Glycine max C Manihot esculenta Ipomoea batatas Zea mays A Onza sativa General features: I leaf, width / shape; I l	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E C Oryza sativa E E General features:  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; 4 number of (named) flower parts; 5 fleaves; 5 fleaves; 6 type of foot; 7 pattern of vascular bundles; 8 presence/absence of cambium/ woody tissue; 8 presence/absence of cambium/ woody tissue; 9 presence/absence of cambium/ woody tissue; 1 max [1]	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E C Oryza sativa E E General features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 number of (named) flower parts; 5 fleaves; 5 fleaves; 6 type of foot; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 8 presence/absence of cambium/woody tissue; 9 presence/absence of cambium/woody tissue; 1 max [1]	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E C Oryza sativa E E General features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 number of (named) flower parts; 5 fleaves; 5 fleaves; 6 type of foot; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 8 presence/absence of cambium/woody tissue; 9 presence/absence of cambium/woody tissue; 1 max [1]	(b) Solanum tuberosum G Solanum tuberosum G Glycine max Glycine max Glycine max C Manihot esculenta Ipomoea batatas Zea mays A Onza sativa General features: I leaf, width / shape; I l	(b) Solanum tuberosum G G Glycine max C C  Manihot esculenta F Ipomoea batatas B Zea mays A Onza sativa E Ieaf, width / shape; sheath / no petiole; sheath / no petiole; sheath of vaccular bundles; number of root; pattern of vascular bundles; phesence of cambium / AW; sheath / no, cambium / woody tissue; max [1]	(b)    Contain the problem of the pr	(b)  (b)  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Glycine max  C  Manihot esculenta  F  Manihot esculenta  F  Oryza sativa  Gramays  A  Oryza sativa  T  T  T  T  T  T  T  T  T  T  T  T  T	(b)  (b)  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Glycine max  C  Manihot esculenta  F  Manihot esculenta  F  Oryza sativa  Gramays  A  Oryza sativa  T  T  T  T  T  T  T  T  T  T  T  T  T	Solanum tuberosum Glycine max Campairot esculenta F Ipomoea batatas B Zea mays Oryza sativa I leaf, width / shape; S heard connection to stem/AW; I leaf, width / shape; S number of, cotyledons / seed I number of, cotyledons / seed I pattern of vascular bundles; I patte	Solanum tuberosum Glycine max Campairot esculenta F Ipomoea batatas B Zea mays Oryza sativa I leaf, width / shape; S heard connection to stem/AW; I leaf, width / shape; S number of, cotyledons / seed I number of, cotyledons / seed I pattern of vascular bundles; I patte	(b)  Solanum tuberosum Glycine max Glycine max Glycine max Glycine max Glycine max C Manifot esculenta Ipomoea batatas B Zea mays Oryza sativa I leaf, width / shape; I leaf, width / s
	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E C Oryza sativa E E Gromection to stem/AWV; Sheath/no petiole; Sheaves; Sheath no petiole; Sheaves; Sheave of (mamed) flower parts; Inverto parts in multiples of 3; one cotyledons/seed bype of foot; Sheaves; Sheaves battern of vascular bundles; Sheaves battern of vascular bundl	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Onza sativa E C Onza sativa E D General features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (mamed) flower parts; near one cotyledon seed leaf; 5 fleaves; 6 type of foot; 7 flower parts in multiples of 3; one cotyledon/seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon/seed connection to stem/AW; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples in max [1]	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E C  Oryza sativa E Monocotyledon features:  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; in multiples of 3; one cotyledons / seed for type of foot; 5 flower parts in multiples of 3; one cotyledon seed leaf; informed vascular bundles; pattern of vascular bundles; pattern of vascular bundles; pattern of vascular bundles; cambium / woody tissue; max [1]	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E C  Oryza sativa E Monocotyledon features:  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; in multiples of 3; one cotyledons / seed for type of foot; 5 flower parts in multiples of 3; one cotyledon seed leaf; informed vascular bundles; pattern of vascular bundles; pattern of vascular bundles; pattern of vascular bundles; cambium / woody tissue; max [1]	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E C  Oryza sativa E Monocotyledon features:  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; in multiples of 3; one cotyledons / seed for type of foot; 5 flower parts in multiples of 3; one cotyledon seed leaf; informed vascular bundles; pattern of vascular bundles; pattern of vascular bundles; pattern of vascular bundles; cambium / woody tissue; max [1]	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Onza sativa E C Onza sativa E D General features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (mamed) flower parts; near one cotyledon seed leaf; 5 fleaves; 6 type of foot; 7 flower parts in multiples of 3; one cotyledon/seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon/seed connection to stem/AW; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples of 3; one cotyledon seed leaf; flower parts in multiples in max [1]	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E D general features:  1 leaf, width/shape; Sheath/no petiole; Sheaves; Sheath no petiole; Sheaves; Sheave of foot; Graves of topt; C foot; Sheaves; Sheath no petiole; Sheaves; Sheave of pot; Sheave of pot; Sheave of pot; Sheave of cambium/woody tissue; Sh	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E E Connection to stem/AWV; Seaves; Seaves; T pattern of vascular bundles; no, cambium/AWV; Cambium/AWV; Cambium/woody tissue; Cambium/AWV; Cambium/woody tissue; Cambium/AWV; Cambium/woody tissue; Cambium/w	(b) Solanum tuberosum G G  Glycine max C Manihot esculenta F Ipomoea batatas B  Zea mays A Monocotyledon features:  I leaf, width / shape;  2 leaf connection to stem / AW;  3 number of, cotyledons / seed leaf;  5 feaves;  6 type of pot;  7 pattern for vascular bundles;  8 pleasence of cambium / AW;  8 pleasence of cambium / AW;  8 pleasence of cambium / AW;  9 cambium / AW;  1 max [1]  1 max [1]	(b) Solanum tuberosum G G  Glycine max C Manihot esculenta F Ipomoea batatas B  Zea mays A Monocotyledon features:  I leaf, width / shape;  2 leaf connection to stem / AW;  3 number of, cotyledons / seed leaf;  5 feaves;  6 type of pot;  7 pattern for vascular bundles;  8 pleasence of cambium / AW;  8 pleasence of cambium / AW;  8 pleasence of cambium / AW;  9 cambium / AW;  1 max [1]  1 max [1]	Solanum tuberosum   G	Solanum tuberosum   G	Solanum tuberosum   G
	Continue destination   Continue desiration   Continue destination   Continue desiration   Continue destination	Continue to the connection to stem of the	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width/ shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; non-cotyledon features: scattered vascular bundles; pattern of vascular bundles; pattern of vascular bundles; pattern of vascular bundles; pattern of vascular bundles; no, cambium/woody tissue; max [1]	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width/ shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; non-cotyledon features: scattered vascular bundles; pattern of vascular bundles; pattern of vascular bundles; pattern of vascular bundles; pattern of vascular bundles; no, cambium/woody tissue; max [1]	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width/ shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; non-cotyledon features: scattered vascular bundles; pattern of vascular bundles; pattern of vascular bundles; pattern of vascular bundles; pattern of vascular bundles; no, cambium/woody tissue; max [1]	Continue to the connection to stem of the	Compared to the connection to stem of the	Compared to the connection to start of the connection to stem of the o	(b) general features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 4 humber of (named) flower parts; 5 fleaves; 7 pattern of vascular bundles; 8 pleesnebelabsence of cambium/AW; 8 pleesnebelabsence of cambium/AW; 1 Interum abstracts and a connection to stem/AW; 9 pleesnebelabsence of cambium/woody tissue; 1 Interum abstracts and a connection abstract and a cambium/woody tissue; 1 Interum abstracts and a connection and a connection abstract and a connection and a connecti	(b) general features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 4 humber of (named) flower parts; 5 fleaves; 7 pattern of vascular bundles; 8 pleesnebelabsence of cambium/AW; 8 pleesnebelabsence of cambium/AW; 1 Interum abstracts and a connection to stem/AW; 9 pleesnebelabsence of cambium/woody tissue; 1 Interum abstracts and a connection abstract and a cambium/woody tissue; 1 Interum abstracts and a connection and a connection abstract and a connection and a connecti	(b) general features:  (b) general features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 thumber of cotyledons/seed of post; 5 fleaves; 6 type of pot; 7 partern of vascular bundles; 8 plesenbelabsence of cambium/AW; 8 plesenbelabsence of cambium/AW; 8 plesenbelabsence of cambium/AW; 9 plesenbelabsence of cambium/AW; 9 plesenbelabsence of cambium/AW; 1 leaf, width/shape; 2 leaf connection to stem/AW; 4 thumber of cotyledons/seed leaf; 5 fleaves; 6 type of pot; 7 partern of vascular bundles; 8 plesenbelabsence of cambium/AW; 1 leaf, width/shape; 9 scattered vascular bundles; 1 partern of vascular bundles; 1 partern of vascular bundles; 2 partern of vascular bundles; 3 number of cambium/AW; 4 plesenbelabsence of languard bundles; 6 plesenbelabsence of languard bundles; 9 plesenbelabsence of lan	(b) general features:  (b) general features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 thumber of cotyledons/seed of post; 5 fleaves; 6 type of pot; 7 partern of vascular bundles; 8 plesenbelabsence of cambium/AW; 8 plesenbelabsence of cambium/AW; 8 plesenbelabsence of cambium/AW; 9 plesenbelabsence of cambium/AW; 9 plesenbelabsence of cambium/AW; 1 leaf, width/shape; 2 leaf connection to stem/AW; 4 thumber of cotyledons/seed leaf; 5 fleaves; 6 type of pot; 7 partern of vascular bundles; 8 plesenbelabsence of cambium/AW; 1 leaf, width/shape; 9 scattered vascular bundles; 1 partern of vascular bundles; 1 partern of vascular bundles; 2 partern of vascular bundles; 3 number of cambium/AW; 4 plesenbelabsence of languard bundles; 6 plesenbelabsence of languard bundles; 7 partern of vascular bundles; 8 plesenbelabsence of languard bundles; 9 plesenbelabsence of languard bun	(b) general features:  (b) general features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 thumber of cotyledons/seed of post; 5 fleaves; 6 type of pot; 7 partern of vascular bundles; 8 plesenbelabsence of cambium/AW; 8 plesenbelabsence of cambium/AW; 8 plesenbelabsence of cambium/AW; 9 plesenbelabsence of cambium/AW; 9 plesenbelabsence of cambium/AW; 1 leaf, width/shape; 2 leaf connection to stem/AW; 4 thumber of cotyledons/seed leaf; 5 fleaves; 6 type of pot; 7 partern of vascular bundles; 8 plesenbelabsence of cambium/AW; 1 leaf, width/shape; 9 scattered vascular bundles; 1 partern of vascular bundles; 1 partern of vascular bundles; 2 partern of vascular bundles; 3 number of cambium/AW; 4 plesenbelabsence of languard bundles; 6 plesenbelabsence of languard bundles; 7 partern of vascular bundles; 8 plesenbelabsence of languard bundles; 9 plesenbelabsence of languard bun
	Continue to the continue to	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E E S anumber of (named) flower parts; number of (named) flower parts; number of combine of froot; pattern of vascular bundles; no, cambium/woody tissue; max [1]	(b) Solanum tuberosum G Solanum tuberosum G Glycine max  Campinot esculenta Ipomoea batatas B Conza sativa Ineaf, width / shape; Shadth / shape; Shadth / shape; Shadth / shape; Shadth / shape is shape in the petiole; Shadth / shape of foot; Sh	(b) Solanum tuberosum G Solanum tuberosum G Glycine max  Campinot esculenta Ipomoea batatas B Conza sativa Ineaf, width / shape; Shadth / shape; Shadth / shape; Shadth / shape; Shadth / shape is shape in the petiole; Shadth / shape of foot; Sh	(b) Solanum tuberosum G Solanum tuberosum G Glycine max  Campinot esculenta Ipomoea batatas B Conza sativa Ineaf, width / shape; Shadth / shape; Shadth / shape; Shadth / shape; Shadth / shape is shape in the petiole; Shadth / shape of foot; Sh	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E E S anumber of (named) flower parts; number of (named) flower parts; number of combine of froot; pattern of vascular bundles; no, cambium/woody tissue; max [1]	Continue the continuent of t	Solanum tuberosum Glycine max Cea mays Coyza sativa I leaf, width / shape; Seaf connection to stem / AW; I leaf, width / shape; Sheath / no petiole; Sheath / no peti	Solanum tuberosum   G	Solanum tuberosum   G	Solanum tuberosum Glycine max Goryza sativa  I leaf, width/shape; Be Connection to stem/AW; I leaf, width/shape; Bef connection to stem/AW; Before max [3]  I leaf, width/shape; Before max [4]  I leaf, width/shape; Before max [8]  I leaf, width/shape; Before max [8]  I leaf, width/shape; Before max [9]  I leaf, width/shape; Before max [1]  I leaf, width/shape; Before max [2]  I leaf, width/shape; Before max [3]  I leaf, width/shape; Before max [1]  I leaf, width/shape; Before max [1]  I leaf, width/shape; Before	Solanum tuberosum Glycine max Goryza sativa  I leaf, width/shape; Be Connection to stem/AW; I leaf, width/shape; Bef connection to stem/AW; Before max [3]  I leaf, width/shape; Before max [4]  I leaf, width/shape; Before max [6]  I leaf, width/shape; Before max [8]  I leaf, width/shape; Before max [9]  I leaf, width/shape; Before max [1]  I leaf, width/shape; Before	Solanum tuberosum Glycine max Goryza sativa  I leaf, width/shape; Be Connection to stem/AW; I leaf, width/shape; Bef connection to stem/AW; Before max [3]  I leaf, width/shape; Before max [4]  I leaf, width/shape; Before max [6]  I leaf, width/shape; Before max [8]  I leaf, width/shape; Before max [9]  I leaf, width/shape; Before max [1]  I leaf, width/shape; Before
	(b) Solanum tuberosum G Solanum tuberosum G Glycine max Clycine ma	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E C Oryza sativa E E General features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of cotyledons/seed fype of foot; 5 feaves; 6 fype of foot; 7 pattern of vascular bundles; 8 plesence/absence_of cambium/AW; 8 plesence/absence_of cambium/AW; 9 pattern of vascular bundles; 9 plesence/absence_of cambium/woody tissue; 1 max [1]	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F   P  Ipomoea batatas B   C  Oryza sativa E   C  Quya sativa   E   C  Oryza sativa   E   C  Manihot statures:   C  I leaf, width/shape;   Sheath/no petiole;   Sheath on petiole;   Sheaves;   Sheath on petiole;   Sheaves;   Shearth on petiole;	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F   P  Ipomoea batatas B   C  Oryza sativa E   C  Quya sativa   E   C  Oryza sativa   E   C  Manihot statures:   C  I leaf, width/shape;   Sheath/no petiole;   Sheath on petiole;   Sheaves;   Sheath on petiole;   Sheaves;   Shearth on petiole;	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F   P  Ipomoea batatas B   C  Oryza sativa E   C  Quya sativa   E   C  Oryza sativa   E   C  Manihot statures:   C  I leaf, width/shape;   Sheath/no petiole;   Sheath on petiole;   Sheaves;   Sheath on petiole;   Sheaves;   Shearth on petiole;	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E C Oryza sativa E E General features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of cotyledons/seed fype of foot; 5 feaves; 6 fype of foot; 7 pattern of vascular bundles; 8 plesence/absence_of cambium/AW; 8 plesence/absence_of cambium/AW; 9 pattern of vascular bundles; 9 plesence/absence_of cambium/woody tissue; 1 max [1]	(b) general features:  (b) general features:  1 leaf, width/shape;  2 leaf connection to stem/AW;  5 fleaves;  5 type of pot;  7 pattern of vascular bundles;  8 plesence/absence_of  cambium+AW;	(b) general features:    Thitcum abstrum   G	(b) general features:    Conza sativa   C   Concentration   Contraction to stem / AV	(b) general features:    Conza sativa   C   Concentration   Contraction to stem / AV	(b)  Solanum tuberosum Glycine max Glycine max Glycine max Glycine max Ceaminot esculenta F Ipomoea batatas B Zea mays Oryza sativa I leaf, width / shape; S number of (named) flower parts; I narrow leaves; S number of (named) flower parts; I narrow leaves; S number of (named) flower parts; I narrow leaves; S number of (named) flower parts; I narrow leaves; S fleaves; S fl	(b)  Solanum tuberosum Glycine max Glycine max Glycine max Glycine max Ceaminot esculenta F Ipomoea batatas B Zea mays Oryza sativa I leaf, width / shape; S number of (named) flower parts; I narrow leaves; S number of (named) flower parts; I narrow leaves; S number of (named) flower parts; I narrow leaves; S number of (named) flower parts; I narrow leaves; S fleaves; S fl	(b)  Solanum tuberosum Glycine max Glycine max Glycine max Glycine max Ceaminot esculenta F Ipomoea batatas B Zea mays Oryza sativa I leaf, width / shape; S number of (named) flower parts; I narrow leaves; S number of (named) flower parts; I narrow leaves; S number of (named) flower parts; I narrow leaves; S number of (named) flower parts; I narrow leaves; S fleaves; S fl
	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F E  Ipomoea batatas B S  Zea mays A Oryza sativa E E  Oryza sativa E E  1 leaf, width / shape; 2 leaf connection to stem/ AW; 3 number of (named) flower parts; marrow leaves; 4 number of cotyledons/ seed 5 fleaves; 6 type of root; 7 pattern of vascular bundles; phesencelabsence of cambium / woody tissue; 8 cambium / AW; 1 max [3]	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F E  Ipomoea batatas B C  Zea mays A A  Oryza sativa E E  Oryza sativa E E  1 leaf, width / shape; 2 leaf connection to stem/ AW; 3 number of (named) flower parts; flower parts in multiples of 3; one cotyledon / seed leaf; fibrous roots; sheath/no petiole; anumber of (named) flower parts; flower parts in multiples of 3; one cotyledon / seed leaf; fibrous roots; scattered vascular bundles; no, cambium / woody tissue; max [1]	(b) Solanum tuberosum G G Solanum tuberosum G G Glycine max C C Manihot esculenta F E Ipomoea batatas B Corza sativa E E Oryza sativa E E  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; flower parts in multiples of 3; one cotyledon / seed leaf; fibrous roots; scattered vascular bundles; flower parts in multiples of 3; one cotyledon / seed leaf; fibrous roots; scattered vascular bundles; no, cambium / woody tissue; max [1]	(b) Solanum tuberosum G G Solanum tuberosum G G Glycine max C C Manihot esculenta F E Ipomoea batatas B Zea mays A Oryza sativa E 1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; flower parts in multiples of 3; one cotyledon / seed leaf; fibrous roots; 5 fleaves; flower parts; flower parts in multiples of 3; one cotyledon / seed leaf; fibrous roots; scattered vascular bundles; no, cambium / woody tissue; max [1]	(b) Solanum tuberosum G G Solanum tuberosum G G Glycine max C C Manihot esculenta F E Ipomoea batatas B Zea mays A Oryza sativa E 1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; flower parts in multiples of 3; one cotyledon / seed leaf; fibrous roots; 5 fleaves; flower parts; flower parts in multiples of 3; one cotyledon / seed leaf; fibrous roots; scattered vascular bundles; no, cambium / woody tissue; max [1]	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F E  Ipomoea batatas B C  Zea mays A A  Oryza sativa E E  Oryza sativa E E  1 leaf, width / shape; 2 leaf connection to stem/ AW; 3 number of (named) flower parts; flower parts in multiples of 3; one cotyledon / seed leaf; fibrous roots; sheath/no petiole; anumber of (named) flower parts; flower parts in multiples of 3; one cotyledon / seed leaf; fibrous roots; scattered vascular bundles; no, cambium / woody tissue; max [1]	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F E Domoea batatas B Zea mays A Oryza sativa E E Deaf connection to stem/ AW; Selected to set of named) flower parts; number of cotyledons/seed fibrous roots; anumber of cotyledons/s	(b) general features:    Calculation a sestivation of the series of the	(b) general features:  Caycaram tuberosum  Caycine max  Cayca sativa  Coryza sativa  Cambium for vascular bundles;  Read for the satural features:  Coryza sativa  Coryza sativa  Coryza sativa  Coryza sativa  Coryza sativa  Coryza sativa  E  Max [3]  Max [3]  Max [3]  Max [4]  Max [7]  Max [7]  Max [1]  Max [1]  Max [1]  Max [1]	(b) general features:  Caycaram tuberosum  Caycine max  Cayca sativa  Coryza sativa  Cambium for vascular bundles;  Read for the satural features:  Coryza sativa  Coryza sativa  Coryza sativa  Coryza sativa  Coryza sativa  Coryza sativa  E  Max [3]  Max [3]  Max [3]  Max [4]  Max [7]  Max [7]  Max [1]  Max [1]  Max [1]  Max [1]	(b) general features:    Calmum tuberosum   Calgorine max   Ca	(b) general features:    Calmum tuberosum   Calgorine max   Ca	(b) general features:    Calmum tuberosum   Calgorine max   Ca
	(b) Solanum tuberosum G G Solanum tuberosum G G Glycine max C C Manihot esculenta F E Ipomoea batatas B C Oryza sativa E E Oryza sativa E E  1 leaf, width shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; none cotyledon's seed leaf; flower parts in multiples of 3; number of cotyledons/seed fibrous roots; scattered vascular bundles; presence/absence of cambium/ AW;  8 presence/absence of cambium/ AW; max [1]	(b) Solanum tuberosum G G Solanum tuberosum G G Glycine max C C Manihot esculenta F E Ipomoea batatas B C Zea mays A Oryza sativa E E  1 leaf, width shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; none cotyledon'seed leaf; flower parts in multiples of 3; number of cotyledons/seed fibrous roots; scattered vascular bundles; pyesence/absence of cambium/ AW; no, cambium/ woody tissue; max [1]	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F F  Ipomoea batatas B C  Zea mays A Oryza sativa E  1 leaf, width / shape; shear of (named) flower parts; numbitiples of 3; number of connection to stem / AW; shearth / no petiole; shape of root; type of root; type of root; battern of vascular bundles; hower parts in multiples of 3; the of root; scattered vascular bundles; hower parts in multiples of 3; the of root; scattered vascular bundles; hower parts in multiples of 3; the of root; scattered vascular bundles; hower parts in multiples of 3; the of root; scattered vascular bundles; hower parts in multiples of 3; the of root; scattered vascular bundles; hower parts in multiples of 3; the of root; scattered vascular bundles; hower parts in multiples of 3; the of root; scattered vascular bundles; hower parts in multiples of 3; the of root; scattered vascular bundles; hower parts in multiples of 3; the of root; scattered vascular bundles; hower parts in multiples of 3; the of root; scattered vascular bundles; hower parts in multiples of 3; the of root; scattered vascular bundles; hower parts in multiples of 3; the of root; scattered vascular bundles; hower parts in multiples of 3; the of root; scattered vascular bundles; hower parts in multiples of 3; the of root; scattered vascular bundles; hower parts in multiples of 3; the of root parts in max [1] was a scattered vascular bundles; the of root parts in max [1] was a scattered vascular bundles; the of root parts in max [1] was a scattered vascular bundles; the of root parts in max [1] was a scattered vascular bundles; the of root parts in max [1] was a scattered vascular bundles; the of root parts in max [1] was a scattered vascular bundles; the of the of root parts in max [1] was a scattered vascular bundles	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F F  Ipomoea batatas B C  Zea mays A Oryza sativa E E  1 leaf, width / shape; shear / no monocoty/ledon features: number of (named) flower parts; none cotyledons/seed leaf; flower parts in multiples of 3; number of cotyledons/seed flower parts; none cotyledon / seed leaf; flower parts in multiples of 3; number of cotyledons/seed flower parts; none cotyledon / seed leaf; flower parts in multiples of 3; flower parts in max [1]	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F F  Ipomoea batatas B C  Zea mays A Oryza sativa E E  1 leaf, width / shape; shear / no monocoty/ledon features: number of (named) flower parts; none cotyledons/seed leaf; flower parts in multiples of 3; number of cotyledons/seed flower parts; none cotyledon / seed leaf; flower parts in multiples of 3; number of cotyledons/seed flower parts; none cotyledon / seed leaf; flower parts in multiples of 3; flower parts in max [1]	(b) Solanum tuberosum G G Solanum tuberosum G G Glycine max C C Manihot esculenta F E Ipomoea batatas B C Zea mays A Oryza sativa E E  1 leaf, width shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; none cotyledon'seed leaf; flower parts in multiples of 3; number of cotyledons/seed fibrous roots; scattered vascular bundles; pyesence/absence of cambium/ AW; no, cambium/ woody tissue; max [1]	(b) Solanum tuberosum G G Solanum tuberosum G G Glycine max C Manihot esculenta F E Ipomoea batatas B C A A Oryza sativa E E  1 leaf, width shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; none cotyledon seed leaf; fibrous roots; scattered vascular bundles; pylesence/absence of cambium / woody tissue; max [1]  (b) Triticum aestivum G C C A A A A A A A A A A A A A A A A A	(b) Solanum tuberosum G G Glycine max C Manihot esculenta F E Ipomoea batatas B Zea mays A Oryza sativa E I leaf width shape; 2 Leaf connection to stem / AW; 3 number of (named) flower parts; 1 number of cotyledons/seed fibrous roots; 2 type of rbot; 2 type of rbot; 3 number of cotyledons/seed fibrous roots; 3 type of rbot; 4 pattern of vascular bundles; 5 flower parts in multiples of 3; 5 flower parts in multiples of 3; 6 flower parts in multiples of 3; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 9 max [1]	(b) general features:  Clyca mays  Oryza sativa  Theaf, width / shape;  Search of root;  Cambium/AW;  Solanum tuberosum  Glycine max  Cambium/AW;  Solanum tuberosum  Glycine max  Cambium/AW;  Solanum tuberosum  Cambium/AW;  Solanum tuberosum  Cambium/AW;  Solanum tuberosum  Cambium/Aw;  Cambium/AW;  Solanum tuberosum  Cambium/Aw;  Cambium/Aw;  Colored to search and the search an	(b) general features:  Clyca mays  Oryza sativa  Theaf, width / shape;  Search of root;  Cambium/AW;  Solanum tuberosum  Glycine max  Cambium/AW;  Solanum tuberosum  Glycine max  Cambium/AW;  Solanum tuberosum  Cambium/AW;  Solanum tuberosum  Cambium/AW;  Solanum tuberosum  Cambium/Aw;  Cambium/AW;  Solanum tuberosum  Cambium/Aw;  Cambium/Aw;  Colored to search and the search an	(b) general features:  Clycine max  Glycine max  Glycine max  Glycine max  Can mays  Oryza sativa  Teaf, width / shape;  Search of root;  Cambium/AW;  Root of root;  Cambium/AW;  Solarum tuberosum  Glycine max  Cambium/AW;  Cambium/AW;  Solarum tuberosum  Cambium/Aw;  Cambium/AW;  Colorine max  Cambium/Aw;  Cambium/AW;  Colorine max  Cambium/Aw;  Cambium/Aw;  Colorine max  Cambium/Aw;  Cambium/Aw;  Colorine max  Cambium/Aw;  Cambi	(b) general features:  Clycine max  Glycine max  Glycine max  Glycine max  Can mays  Oryza sativa  Teaf, width / shape;  Search of root;  Cambium/AW;  Root of root;  Cambium/AW;  Solarum tuberosum  Glycine max  Cambium/AW;  Cambium/AW;  Solarum tuberosum  Cambium/Aw;  Cambium/AW;  Colorine max  Cambium/Aw;  Cambium/AW;  Colorine max  Cambium/Aw;  Cambium/Aw;  Colorine max  Cambium/Aw;  Cambium/Aw;  Colorine max  Cambium/Aw;  Cambi	(b) general features:  Clycine max  Glycine max  Glycine max  Glycine max  Can mays  Oryza sativa  Teaf, width / shape;  Search of root;  Cambium/AW;  Root of root;  Cambium/AW;  Solarum tuberosum  Glycine max  Cambium/AW;  Cambium/AW;  Solarum tuberosum  Cambium/Aw;  Cambium/AW;  Colorine max  Cambium/Aw;  Cambium/AW;  Colorine max  Cambium/Aw;  Cambium/Aw;  Colorine max  Cambium/Aw;  Cambium/Aw;  Colorine max  Cambium/Aw;  Cambi
	(b) Solanum tuberosum G G Solanum tuberosum G G Glycine max C C Manihot esculenta F F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width / shape; 3 number of (named) flower parts; numtiples of 3; number of vascular bundles; polesencelabsence of cambium / woody tissue; no, cambium / woody tissue; max [1]	(b) Solanum tuberosum G G Solanum tuberosum G G Glycine max C C Manihot esculenta F F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width / shape; 2 leaf connection to stem/ AW; 3 number of (named) flower parts in multiples of 3; 1 number of vascular bundles; 5 feaves; 5 flower parts in multiples of 3; 1 not cambium / woody tissue; 1 not, cambium / woody tissue; 1	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F F  Ipomoea batatas B Zea mays  Oryza sativa E P  Oryza sativa E P  Triticum aestivum G G  Manihot esculenta F P  Oryza sativa E P  Toryza sativa B B  Oryza sativa B P  Toryza sativa B B P  Oryza sativa B P  Toryza sativa B P  Oryza sativa B P  Toryza Sativa B B P  Toryza Sativa B P  Toryza Sativa B P  Toryza Sativa B P  Tor	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F F  Ipomoea batatas B Zea mays  Oryza sativa E P  Oryza sativa E P  Triticum aestivum G G  Manihot esculenta F P  Oryza sativa E P  Toryza sativa B B  Oryza sativa B P  Toryza sativa B B P  Oryza sativa B P  Toryza sativa B P  Oryza sativa B P  Toryza Sativa B B P  Toryza Sativa B P  Toryza Sativa B P  Toryza Sativa B P  Tor	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F F  Ipomoea batatas B Zea mays  Oryza sativa E P  Oryza sativa E P  Triticum aestivum G G  Manihot esculenta F P  Oryza sativa E P  Toryza sativa B B  Oryza sativa B P  Toryza sativa B B P  Oryza sativa B P  Toryza sativa B P  Oryza sativa B P  Toryza Sativa B B P  Toryza Sativa B P  Toryza Sativa B P  Toryza Sativa B P  Tor	(b) Solanum tuberosum G G Solanum tuberosum G G Glycine max C C Manihot esculenta F F Ipomoea batatas B Zea mays A Oryza sativa E I leaf, width / shape; 2 leaf connection to stem/ AW; 3 number of (named) flower parts in multiples of 3; 1 number of vascular bundles; 5 feaves; 5 flower parts in multiples of 3; 1 not cambium / woody tissue; 1 not, cambium / woody tissue; 1	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F F  Ipomoea batatas B C  Zea mays A A  Oryza sativa E E  Donoca batatas B C  A Oryza sativa E E  I leaf, width / shape; 3 number of (named) flower parts in multiples of 3; 4 number of (named) flower parts; 5 flower parts in multiples of 3; 6 type of root; 7 pattern of vascular bundles; 6 type of root; 7 pattern of vascular bundles; 8 priesencelabsence of cambium / woody tissue; 8 priesencelabsence of cambium / woody tissue; 9 priesencelabsence of cambium / woody tissue; 1 max [1]	(b) general features:    Caption max	(b) general features:  Clycine max  Cambium/AWV;  Clycine max  A  Manihot esculenta  E  Monocotyledon features:  Inarrow leaves;  Sheaves;  Sheaves;  Complete in multiples of 3;  Inarrow leaves;  Complete in multiples of 3;  Combium/AWV;  Cambium/woody tissue;  Max [1]	(b) general features:  Clycine max  Cambium/AWV;  Clycine max  A  Manihot esculenta  E  Monocotyledon features:  Inarrow leaves;  Sheaves;  Sheaves;  Complete in multiples of 3;  Inarrow leaves;  Complete in multiples of 3;  Combium/AWV;  Cambium/woody tissue;  Max [1]	(b) general features:  Clycine max  Glycine max  Glycine max  Glycine max  Cambilmot esculenta  F  Manihot esculenta  F  Manihot esculenta  F  Manihot esculenta  F  Monocotyledon features:  I leaf, width/shape;  S a number of (named) flower parts; nuntiples of 3; number of cotyledons/seed  S feaves; scattered vascular bundles; no, cambium/woody tissue; max [1]  Reachigh and the cambium/woody tissue; max [1]	(b) general features:  Clycine max  Glycine max  Glycine max  Glycine max  Cambilmot esculenta  F  Manihot esculenta  F  Manihot esculenta  F  Manihot esculenta  F  Monocotyledon features:  I leaf, width/shape;  S a number of (named) flower parts; nuntiples of 3; number of cotyledons/seed  S feaves; scattered vascular bundles; no, cambium/woody tissue; max [1]  Reachigh and the cambium/woody tissue; max [1]	(b) general features:  Clycine max  Glycine max  Glycine max  Glycine max  Cambilmot esculenta  F  Manihot esculenta  Manihot esculenta  F  Manihot esculenta  F  Manihot esculenta  Manihot esculenta  F  Manihot esculenta  M
	(b) Solanum tuberosum G G Solanum tuberosum G G Glycine max C Manihot esculenta F H Ipomoea batatas B Zea mays Oryza sativa E A Oryza sativa E E  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; flower parts in multiples of 3; one cotyledon / seed leaf; fibrous roots; sheath / no petiole; anumber of vascular bundles; flower parts in multiples of 3; one cotyledon / seed leaf; fibrous roots; scattered vascular bundles; no, cambium / woody tissue; max [1]	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F E  Ipomoea batatas B C  Zea mays A A  Oryza sativa E E  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (name) flower parts; number of cotyledons / seed leaf; flower parts in multiples of 3; one cotyledon / seed leaf; flower parts in max [1]	(b) Solanum tuberosum G G Solanum tuberosum G G Glycine max C C Manihot esculenta F E Ipomoea batatas B Zea mays A A Oryza sativa E E Oryza sativa E E  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (nameof) flower parts; number of (nameof) flower parts; number of toot; 5 fleaves; 7 reambium / AW; 8 presence labsence of flower bundles; 8 max [1]  Max [3]  Max [3]  Max [3]  Max [1]  Max [1]  Max [1]	(b) Solanum tuberosum G G Solanum tuberosum G G Glycine max C C Manihot esculenta F E Ipomoea batatas B Zea mays A A Oryza sativa E E Oryza sativa E E  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (nameof) flower parts; number of (nameof) flower parts; number of toot; 5 fleaves; 7 reambium / AW; 8 presence labsence of flower bundles; 8 max [1]  Max [3]  Max [3]  Max [3]  Max [1]  Max [1]  Max [1]	(b) Solanum tuberosum G G Solanum tuberosum G G Glycine max C C Manihot esculenta F E Ipomoea batatas B Zea mays A A Oryza sativa E E Oryza sativa E E  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (nameof) flower parts; number of (nameof) flower parts; number of toot; 5 fleaves; 7 reambium / AW; 8 presence labsence of flower bundles; 8 max [1]  Max [3]  Max [3]  Max [3]  Max [1]  Max [1]  Max [1]	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F E  Ipomoea batatas B C  Zea mays A A  Oryza sativa E E  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (name) flower parts; number of cotyledons / seed leaf; flower parts in multiples of 3; one cotyledon / seed leaf; flower parts in max [1]	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F E  Ipomoea batatas B S  Zea mays A Oryza sativa E  Oryza sativa E  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (name) flower parts; marrow leaves; 4 number of cotyledons/seed fibrous roots; flower parts in multiples of 3; one cotyledon / seed leaf; fibrous roots; flower parts in multiples of 3; one cotyledon / seed leaf; fibrous roots; sheath/aW; scattered vascular bundles; no, cambium / woody tissue; max [1]	(b) Solanum tuberosum G G Glycine max C C  Manihot esculenta F E  Domocea batatas B  Zea mays  Oryza sativa E  Oryza sativa E  1 leaf, width / shape; 2 leaf connection to stem/ AW; 3 number of (named) flower parts; flower parts in multiples of 3; one cotyledon / seed leaf; fibrous roots; 5 fleaves; flower parts; flower parts in multiples of 3; one cotyledon / seed leaf; fibrous roots; flower parts in multiples of 3; one cotyledon / seed leaf; fibrous roots; scattered vascular bundles; no, cambium / woody tissue; max [1]	(b) general features:  Capacina aestivam  Clycine max  Capacina aestivam  Clycine max  Capacina aestivam  Coryza sativa  Coryza sativa  Coryza sativa  Capacina aestiva  Coryza sativa  Coryza sativa  Coryza sativa  Capacina aestiva  Capacina aesti	(b) general features:  Capacina aestivam  Clycine max  Capacina aestivam  Clycine max  Capacina aestivam  Coryza sativa  Coryza sativa  Coryza sativa  Capacina aestiva  Coryza sativa  Coryza sativa  Coryza sativa  Capacina aestiva  Capacina aesti	(b) general features:    Colanum tuberosum   C	(b) general features:    Colanum tuberosum   C	(b) general features:    Colanum tuberosum   C
	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F E  Ipomoea batatas B C  Oryza sativa E  Oryza sativa E  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of formed) flower parts; numbiples of flower parts; number of cotyledons / seed leaf; fibrous roots; scattered vascular bundles; plesence/absence of cambium / woody tissue;  R pattern of vascular bundles; no, cambium / woody tissue; max [1]	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F F  Ipomoea batatas B C  Oryza sativa E  Oryza sativa E  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of ford; 4 number of foot; 5 type of foot; 6 type of foot; 7 pattern of vascular bundles; 8 presence/absence of cambium / woody tissue; Cambium / AW; Cambium /	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C Manihot esculenta F Ipomoea batatas B  Zea mays A Oryza sativa E  1 leaf, width / shape; sheath / no petiole; she	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C Manihot esculenta F Ipomoea batatas B  Zea mays A Oryza sativa E  1 leaf, width / shape; sheath / no petiole; she	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C Manihot esculenta F Ipomoea batatas B  Zea mays A Oryza sativa E  1 leaf, width / shape; sheath / no petiole; she	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F F  Ipomoea batatas B C  Oryza sativa E  Oryza sativa E  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of ford; 4 number of foot; 5 type of foot; 6 type of foot; 7 pattern of vascular bundles; 8 presence/absence of cambium / woody tissue; Cambium / AW; Cambium /	(b) Solanum tuberosum G G Glycine max C C  Manihot esculenta F F Goras ativa E A  Oryza sativa E A  Oryza sativa E E  1 leaf, width / shape; Sheath / no petiole; Shearb / number of (named) flower parts; I f	(b) Solanum tuberosum G G Glycine max C C  Manihot esculenta F F Ipomoea batatas B Zea mays A Oryza sativa E  Oryza sativa E  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of ford; 4 number of cotyledons / seed 5 feaves; 6 type of pot; 7 pattern of vascular bundles; 8 presence/absence of cambium / woody tissue; 8 presence/absence of cambium / woody tissue; 9 pattern of vascular bundles; 9 presence/absence of cambium / woody tissue; 9 pattern of vascular bundles; 1 max [1]	(b)    Colanum tuberosum   Colanum tuberosum t	(b)    Colanum tuberosum   Colanum tuberosum t	(b)    Colanum tuberosum   C	(b)    Colanum tuberosum   C	(b)    Colanum tuberosum   C
	(b) Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Onyza sativa E I leaf, width/shape; Sheath/no petiole; Sheath of (named) flower parts in multiples of 3; number of (named) flower parts in multiples of 3; number of (named) flower parts in cotyledon/seed leaf; peesence/absence of cambium/woody tissue; peesence/absence of cambium/woody tissue; no, cambium/woody tissue;	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F F  Ipomoea batatas B A  Onyza sativa E  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts in multiples of 3; 4 number of (named) flower parts in multiples of 3; 5 feaves; 6 type of pod; 7 pattern of vascular bundles; 8 presence/absence of cambium / woody tissue; 8 presence/absence of cambium / woody tissue; 9 presence/absence of cambium / woody tissue; 1 max [1]	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F F  Ipomoea batatas B A  Oryza sativa E  Oryza sativa E  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts in multiples of 3; 4 thumber of, cotyledons/seed before cotyledon/seed leaf; 5 feaves; 6 type of pot; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 8 presence/absence of cambium/woody tissue; 8 presence/absence of cambium/woody tissue; 9 presence/absence of cambium/woody tissue;	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F F  Ipomoea batatas B A  Oryza sativa E  Oryza sativa E  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts in multiples of 3; 4 thumber of, cotyledons/seed before cotyledon/seed leaf; 5 feaves; 6 type of pot; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 8 presence/absence of cambium/woody tissue; 8 presence/absence of cambium/woody tissue; 9 presence/absence of cambium/woody tissue;	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F F  Ipomoea batatas B A  Oryza sativa E  Oryza sativa E  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts in multiples of 3; 4 thumber of, cotyledons/seed before cotyledon/seed leaf; 5 feaves; 6 type of pot; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 8 presence/absence of cambium/woody tissue; 8 presence/absence of cambium/woody tissue; 9 presence/absence of cambium/woody tissue;	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F F  Ipomoea batatas B A  Onyza sativa E  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts in multiples of 3; 4 number of (named) flower parts in multiples of 3; 5 feaves; 6 type of pod; 7 pattern of vascular bundles; 8 presence/absence of cambium / woody tissue; 8 presence/absence of cambium / woody tissue; 9 presence/absence of cambium / woody tissue; 1 max [1]	(b) Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Onyza sativa E I leaf, width/shape; S leaf connection to stem/AW; S feaves; I humber of, cotyledons/seed fibrous roots; scattered vascular bundles; presence/absence of cambium/woody tissue; max [1] max [1]	(b) general features:    Colanum tuberosum   C	Solanum tuberosum   G	Solanum tuberosum   G	(b) general features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 5 feaves; 7 pattern of vascular bundles; 8 presence absorbe of cambium/AW; 9 cambium/AW; 1 Introduct absorbe absorbe absorbe of cambium/AW; 1 Introduct absorbe abso	(b) general features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 5 feaves; 7 pattern of vascular bundles; 8 presence absorbe of cambium/AW; 9 cambium/AW; 1 Introduct absorbe absorbe absorbe of cambium/AW; 1 Introduct absorbe abso	(b) general features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 5 feaves; 7 pattern of vascular bundles; 8 presence absorbe of cambium/AW; 9 cambium/AW; 1 Introduct absorbe absorbe absorbe of cambium/AW; 1 Introduct absorbe abso
	(b) Solanum tuberosum G G  Glycine max C C  Manihot esculenta F F  Ipomoea batatas B A  Oryza sativa E E  Oryza sativa E E  1 leaf, width/shape; sheath/no petiole; sheath of named) flower parts; number of (named) flower parts; number of (named) flower parts; number of vascular bundles; pattern of vascular bundles; pattern of vascular bundles; pattern of vascular bundles; no, cambium/woody tissue; max [1]	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F E  Domoea batatas B A  Oryza sativa E E  1 leaf, width/shape; sheath/no petiole; sheath of named) flower parts; number of (named) flower parts in multiples of 3; number of (named) flower parts in max [1]	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max  Manifot esculenta F  Domoea batatas B  Zea mays  Oryza sativa  I leaf, width/shape; S leaf connection to stem/AW; S feaves; C type of root; Date of foot; Date of f	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max  Manifot esculenta F  Domoea batatas B  Zea mays  Oryza sativa  I leaf, width/shape; S leaf connection to stem/AW; S feaves; C type of root; Date of foot; Date of f	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max  Manifot esculenta F  Domoea batatas B  Zea mays  Oryza sativa  I leaf, width/shape; S leaf connection to stem/AW; S feaves; C type of root; Date of foot; Date of f	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F E  Domoea batatas B A  Oryza sativa E E  1 leaf, width/shape; sheath/no petiole; sheath of named) flower parts; number of (named) flower parts in multiples of 3; number of (named) flower parts in max [1]	Solanum tuberosum Glycine max C Manihot esculenta F  Dorza sativa F  Orza sativa  I leaf, width/shape; S leaf connection to stem/AW; I lower parts in multiples of 3; I lower parts in max [1]	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Glycine max  C  Manihot esculenta  F  Dorza sativa  Conyza sativa  General features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 number of (named) flower parts; 5 type of pot; 6 type of pot; 7 pattern of vascular bundles; 6 type of pot; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 8 presence/absence of cambium/woody tissue; 9 presence/absence.	(b) general features:    Colanum tuberosum   C				
	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F E  Domoea batatas B A  Coryza sativa E  1 leaf, width / shape; sheath / no petiole; sheath	(b) Solanum tuberosum G  Solanum tuberosum G  Glycine max  Manihot esculenta  Pomoea batatas  Zea mays  Oryza sativa  I leaf, width/shape; shape of nomed of named) flower parts; a number of cotyledons/seed by the of root; cambium/AWV;  Solanum tuberosum  Coryza sativa  R  Manihot esculenta  R  Max [3]  Max [3]  Max [3]  Max [3]  R  Max [3]  A  Number of (named) flower parts; flower parts in multiples of 3; one cotyledon/seed leaf; fibrous roots; Sociatered vascular bundles; flower parts in mo, cambium/woody tissue; max [1]  R  R  Manihot esculenta  R  Manihot esculenta  R  Max [3]  Max [3]  Max [3]  Max [3]  Max [4]  R  Max [4]	(b) Solanum tuberosum G Solanum tuberosum G Glycine max Glycine max Manihot esculenta Ipomoea batatas Zea mays Oryza sativa I leaf, width/shape; I leaf, width/shape; I leaf width/shape; I leaf, width/shape; I leaf connection to stem/AW; I leaf width/shape; I leaf width/shape; I leaf width/shape; I leaf width/shape; I leaf connection to stem/AW; I leaf width/shape; I leaf width/shape; I leaf width/shape; I leaf connection to stem/AW; I leaf width/shape; I leaf connection to stem/AW; I leaf width/shape; I leaf connection to stem/AW; I leaf width/shape; I leaf width/shape; I leaf width/shape; I leaf connection to stem/AW; I leaf width/shape; I leaf width/shape; I leaf width/shape; I leaf connection to stem/AW; I leaf width/shape; I leaf width/shape; I leaf connection to stem/AW; I leaf width/shape;	(b) Solanum tuberosum G Solanum tuberosum G Glycine max Glycine max Manihot esculenta Ipomoea batatas Zea mays Oryza sativa I leaf, width/shape; I leaf, width/shape; I leaf width/shape; I leaf, width/shape; I leaf connection to stem/AW; I leaf width/shape; I leaf width/shape; I leaf width/shape; I leaf width/shape; I leaf connection to stem/AW; I leaf width/shape; I leaf width/shape; I leaf width/shape; I leaf connection to stem/AW; I leaf width/shape; I leaf connection to stem/AW; I leaf width/shape; I leaf connection to stem/AW; I leaf width/shape; I leaf width/shape; I leaf width/shape; I leaf connection to stem/AW; I leaf width/shape; I leaf width/shape; I leaf width/shape; I leaf connection to stem/AW; I leaf width/shape; I leaf width/shape; I leaf connection to stem/AW; I leaf width/shape;	(b) Solanum tuberosum G Solanum tuberosum G Glycine max Glycine max Manihot esculenta Ipomoea batatas Zea mays Oryza sativa I leaf, width/shape; I leaf, width/shape; I leaf width/shape; I leaf, width/shape; I leaf connection to stem/AW; I leaf width/shape; I leaf width/shape; I leaf width/shape; I leaf width/shape; I leaf connection to stem/AW; I leaf width/shape; I leaf width/shape; I leaf width/shape; I leaf connection to stem/AW; I leaf width/shape; I leaf connection to stem/AW; I leaf width/shape; I leaf connection to stem/AW; I leaf width/shape; I leaf width/shape; I leaf width/shape; I leaf connection to stem/AW; I leaf width/shape; I leaf width/shape; I leaf width/shape; I leaf connection to stem/AW; I leaf width/shape; I leaf width/shape; I leaf connection to stem/AW; I leaf width/shape;	(b) Solanum tuberosum G  Solanum tuberosum G  Glycine max  Manihot esculenta  Pomoea batatas  Zea mays  Oryza sativa  I leaf, width/shape; shape of nomed of named) flower parts; a number of cotyledons/seed by the of root; cambium/AWV;  Solanum tuberosum  Coryza sativa  R  Manihot esculenta  R  Max [3]  Max [3]  Max [3]  Max [3]  R  Max [3]  A  Number of (named) flower parts; flower parts in multiples of 3; one cotyledon/seed leaf; fibrous roots; Sociatered vascular bundles; flower parts in mo, cambium/woody tissue; max [1]  R  R  Manihot esculenta  R  Manihot esculenta  R  Max [3]  Max [3]  Max [3]  Max [3]  Max [4]  R  Max [4]	Solanum tuberosum   G	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Camainot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Coryza sativa  I leaf, width /shape;  I leaf, width /shape	(b) Solanum tuberosum G G  Glycine max C C  Manihot esculenta F F  Ipomoea batatas B A  Oryza sativa E E  Oryza sativa E E  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; flower parts in multiples of 3; one cotyledon/seed leaf; fibrous roots; scattered vascular bundles; plesenceabsence of cambium/woody tissue; max [1]	(b) Solanum tuberosum G G  Glycine max C C  Manihot esculenta F F  Ipomoea batatas B A  Oryza sativa E E  Oryza sativa E E  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; flower parts in multiples of 3; one cotyledon/seed leaf; fibrous roots; scattered vascular bundles; plesenceabsence of cambium/woody tissue; max [1]	(b) general features:  1 leaf, width/shape; 1 leaf, width/shape; 2 leaf connection to stem/AW; 5 feaves; 6 type of root; 7 paftern of vascular bundles; 8 presenceabsence of cambium/AWV; 1 Introduction to be a connection to stem/AW; 1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; flower parts in multiples of 3; one cotyledon/seed leaf; flower parts in multiples of 3; flower parts in more cotyledon/seed leaf; flower parts in move cotyledon/seed leaf; flower parts in move cotyledon/seed leaf; flower parts in move cotyledon/seed leaf; flower parts in multiples of 3; flower parts in max[1] max[	(b) general features:  1 leaf, width/shape; 1 leaf, width/shape; 2 leaf connection to stem/AW; 5 feaves; 6 type of root; 7 paftern of vascular bundles; 8 presenceabsence of cambium/AWV; 1 Introduction to be a connection to stem/AW; 1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; flower parts in multiples of 3; one cotyledon/seed leaf; flower parts in multiples of 3; flower parts in more cotyledon/seed leaf; flower parts in move cotyledon/seed leaf; flower parts in move cotyledon/seed leaf; flower parts in move cotyledon/seed leaf; flower parts in multiples of 3; flower parts in max[1] max[	(b) general features:  1 leaf, width/shape; 1 leaf, width/shape; 2 leaf connection to stem/AW; 5 feaves; 6 type of root; 7 paftern of vascular bundles; 8 presenceabsence of cambium/AWV; 1 Introduction to be a connection to stem/AW; 1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; flower parts in multiples of 3; one cotyledon/seed leaf; flower parts in multiples of 3; flower parts in more cotyledon/seed leaf; flower parts in move cotyledon/seed leaf; flower parts in move cotyledon/seed leaf; flower parts in move cotyledon/seed leaf; flower parts in multiples of 3; flower parts in max[1] max[
	Triticum aestivum   D	Triticum aestivum   C	(b) Solanum tuberosum G  Solanum tuberosum G  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Great features:  I leaf, width/shape; I leaf, width/s	(b) Solanum tuberosum G  Solanum tuberosum G  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Great features:  I leaf, width/shape; I leaf, width/s	(b) Solanum tuberosum G  Solanum tuberosum G  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Great features:  I leaf, width/shape; I leaf, width/s	Triticum aestivum   C	Colanum tuberosum   C	Inticum aestrum   C	Solanum tuberosum   G	Solanum tuberosum   G	(b) general features:  1 leaf, width/shape; 3 number of (named) flower parts; by presence/absence of cambiumr/AWV;	(b) general features:  1 leaf, width/shape; 3 number of (named) flower parts; by presence/absence of cambiumr/AWV;	(b) general features:  1 leaf, width/shape; 3 number of (named) flower parts; by presence/absence of cambiumr/AWV;
	(b) Solanum tuberosum G Solanum tuberosum G Glycine max  Manihot esculenta Ipomoea batatas Zea mays Oryza sativa  1 leaf, width shape; 3 number of connection to stem/AW; 4 number of cotyledons/seed 5 type of root; 6 type of root; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 8 presence/absence of cambium/AW; 1 max [1]  Manihot esculenta B  Max [3]  Max [1]  Max [1]	(b) Solanum tuberosum G G  Glycine max C C  Manihot esculenta F   Ipomoea batatas B Zea mays A Oryza sativa E  1 leaf, width/shape; S leaf connection to stem/AW; S leaves; S number of cayledons/seed of type of root; S pattern of vascular bundles; C ambium/woody tissue; B presence/absence of cambium/AW; S presence/absence of cambium/AW; S cambium/AW;	(b) Solanum tuberosum G G  Glycine max C C  Manihot esculenta F   Ipomoea batatas B Zea mays A Oryza sativa E  1 leaf, width/shape; 3 number of connection to stem/AW; 4 number of cotyledons/seed of type of root; 5 type of root; 6 type of root; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 8 presence/absence of cambium/AW; 1 max [1]	(b) Solanum tuberosum G G  Glycine max C C  Manihot esculenta F   Ipomoea batatas B Zea mays A Oryza sativa E  1 leaf, width/shape; 3 number of connection to stem/AW; 4 number of cotyledons/seed of type of root; 5 type of root; 6 type of root; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 8 presence/absence of cambium/AW; 1 max [1]	(b) Solanum tuberosum G G  Glycine max C C  Manihot esculenta F   Ipomoea batatas B Zea mays A Oryza sativa E  1 leaf, width/shape; 3 number of connection to stem/AW; 4 number of cotyledons/seed of type of root; 5 type of root; 6 type of root; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 8 presence/absence of cambium/AW; 1 max [1]	(b) Solanum tuberosum G G  Glycine max C C  Manihot esculenta F   Ipomoea batatas B Zea mays A Oryza sativa E  1 leaf, width/shape; S leaf connection to stem/AW; S leaves; S number of cayledons/seed of type of root; S pattern of vascular bundles; C ambium/woody tissue; B presence/absence of cambium/AW; S presence/absence of cambium/AW; S cambium/AW;	(b) Solanum tuberosum G  Glycine max  Glycine max  Glycine max  Glycine max  Glycine max  Glycine max  Amanihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Goryza sativa  T leaf, width / shape; 3 number of connection to stem/AW; 4 number of cotyledons / seed 5 type of root; 6 type of root; 7 pattern of vascular bundles; 8 presence/absence of cambium / woody tissue;  Raw [1]  Max [1]  Max [1]  Max [1]  Max [1]	(b) general features:    Continuous and the seculenta   Contin	(b) general features:    Colanum tuberosum   C	(b) general features:    Colanum tuberosum   C	(b) general features:    Continuoum tuberosum   Continuoum tuberosum   Continuo	(b) general features:    Continuoum tuberosum   Continuoum tuberosum   Continuo	(b) general features:    Continuoum tuberosum   Continuoum tuberosum   Continuo
	Triticum aestivum   D	(b) Solanum tuberosum G G Solanum tuberosum G G Glycine max C C Manihot esculenta F Ipomoea batatas B Zea mays Oryza sativa E Oryza sativa E E  1 leaf, width / shape; 3 number of (named) flower parts; 4 number of cotyledons / seed leaf; 5 feaves; 6 type of root; 7 pattern of vascular bundles; 8 presence/ebsence of cambium / AVV; 1 minimum / AVV; 1 leaf, width / shape; 3 number of (named) flower parts; 4 number of cotyledons / seed leaf; 5 feaves; 6 type of root; 7 max [1]  max [1]  max [1]	(b) Solanum tuberosum G G Glycine max C C Manihot esculenta F Ipomoea batatas B Zea mays Oryza sativa E C Oryza sativa E C  1 leaf, width / shape; 3 number of (named) flower parts; 3 number of (named) flower parts; 4 number of cotyledons/seed leaf; 5 flower parts; 5 type of root; 5 type of root; 6 type of root; 7 pattern of vascular bundles; 6 type of root; 7 pattern of vascular bundles; 8 presence/elabsence of cambium / woody tissue; max [1]	(b) Solanum tuberosum G G Glycine max C C Manihot esculenta F Ipomoea batatas B Zea mays Oryza sativa E C Oryza sativa E C  1 leaf, width / shape; 3 number of (named) flower parts; 3 number of (named) flower parts; 4 number of cotyledons/seed leaf; 5 flower parts; 5 type of root; 5 type of root; 6 type of root; 7 pattern of vascular bundles; 6 type of root; 7 pattern of vascular bundles; 8 presence/elabsence of cambium / woody tissue; max [1]	(b) Solanum tuberosum G G Glycine max C C Manihot esculenta F Ipomoea batatas B Zea mays Oryza sativa E C Oryza sativa E C  1 leaf, width / shape; 3 number of (named) flower parts; 3 number of (named) flower parts; 4 number of cotyledons/seed leaf; 5 flower parts; 5 type of root; 5 type of root; 6 type of root; 7 pattern of vascular bundles; 6 type of root; 7 pattern of vascular bundles; 8 presence/elabsence of cambium / woody tissue; max [1]	(b) Solanum tuberosum G G Solanum tuberosum G G Glycine max C C Manihot esculenta F Ipomoea batatas B Zea mays Oryza sativa E Oryza sativa E E  1 leaf, width / shape; 3 number of (named) flower parts; 4 number of cotyledons / seed leaf; 5 feaves; 6 type of root; 7 pattern of vascular bundles; 8 presence/ebsence of cambium / AVV; 1 minimum / AVV; 1 leaf, width / shape; 3 number of (named) flower parts; 4 number of cotyledons / seed leaf; 5 feaves; 6 type of root; 7 max [1]  max [1]  max [1]	Triticum aestivum   D	Solanum tuberosum   G	Solanum tuberosum   G	Solanum tuberosum   G	(b) general features:  1 leaf, width / shape; 2 leaf connection to stem/AW; 5 fleaves; 5 the of root; 6 type of root; 7 pattern of vascular bundles; 8 cambium/AWV; 1 muncher of (amed) flower parts; 6 type of root; 7 pattern of vascular bundles; 8 cambium/AWV; 1 muncher of (amed) flower parts; 9 presence/absence of cambium/woody tissue; 1 presence/absence of cambium/woody tissue; 1 max [3]	(b) general features:  1 leaf, width / shape; 2 leaf connection to stem/AW; 5 fleaves; 5 the of root; 6 type of root; 7 pattern of vascular bundles; 8 cambium/AWV; 1 muncher of (amed) flower parts; 6 type of root; 7 pattern of vascular bundles; 8 cambium/AWV; 1 muncher of (amed) flower parts; 9 presence/absence of cambium/woody tissue; 1 presence/absence of cambium/woody tissue; 1 max [3]	(b) general features:  1 leaf, width / shape; 2 leaf connection to stem/AW; 5 fleaves; 5 the of root; 6 type of root; 7 pattern of vascular bundles; 8 cambium/AWV; 1 muncher of (amed) flower parts; 6 type of root; 7 pattern of vascular bundles; 8 cambium/AWV; 1 muncher of (amed) flower parts; 9 presence/absence of cambium/woody tissue; 1 presence/absence of cambium/woody tissue; 1 max [3]
	Triticum aestivum   D	Triticum aestivum   C	(b) Triticum aestivum G Solanum tuberosum G Glycine max Manihot esculenta F Ipomoea batatas B Zea mays Oryza sativa E Oryza sativa E  1 leaf, width / shape; 3 number of connection to stem / AW; 5 leaf connection to stem / AW; 6 type of root; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue;	(b) Triticum aestivum G Solanum tuberosum G Glycine max Manihot esculenta F Ipomoea batatas B Zea mays Oryza sativa E Oryza sativa E  1 leaf, width / shape; 3 number of connection to stem / AW; 5 leaf connection to stem / AW; 6 type of root; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue;	(b) Triticum aestivum G Solanum tuberosum G Glycine max Manihot esculenta F Ipomoea batatas B Zea mays Oryza sativa E Oryza sativa E  1 leaf, width / shape; 3 number of connection to stem / AW; 5 leaf connection to stem / AW; 6 type of root; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue;	Triticum aestivum   C	Triticum aestivum   D	Colanum tuberosum   C	(b) general features:  Caumbier of reach foot;  Cambium+AWV;  Solanum tuberosum  Glycine max  Glycine max  Cambium+AWV;  Solanum tuberosum  Glycine max  Cambium+AWV;  Solanum tuberosum  Cambium+AWV;  Solanum tuberosum  Cambium+AWV;  Solanum tuberosum  Cambium+AWV;  Solanum tuberosum  Cambium+AWV;  Cambium+AWV;  Solanum tuberosum  Cambium+AWV;  Cambiu	(b) general features:  Caumbier of reach foot;  Cambium+AWV;  Solanum tuberosum  Glycine max  Glycine max  Cambium+AWV;  Solanum tuberosum  Glycine max  Cambium+AWV;  Solanum tuberosum  Cambium+AWV;  Solanum tuberosum  Cambium+AWV;  Solanum tuberosum  Cambium+AWV;  Solanum tuberosum  Cambium+AWV;  Cambium+AWV;  Solanum tuberosum  Cambium+AWV;  Cambiu	(b) general features:  Chyca sativa  Chyca s	(b) general features:  Chyca sativa  Chyca s	(b) general features:  Chyca sativa  Chyca s
	Triticum aestivum   D	Triticum aestivum   D	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F   Ipomoea batatas B Zea mays A Oryza sativa E  1 leaf, width / shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 number of (named) flower parts; 4 number of camed) flower parts; 6 type of root; 5 feaves; 6 type of root; 6 type of root; 6 type of root; 7 gattern of vascular bundles; 6 type of root; 7 gattern of vascular bundles; 6 type of root; 7 gattern of vascular bundles; 7 gattern of vascular bundles; 7 gattern of vascular bundles; 8 presence of cambium/AW; 1]	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F   Ipomoea batatas B Zea mays A Oryza sativa E  1 leaf, width / shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 number of (named) flower parts; 4 number of camed) flower parts; 6 type of root; 5 feaves; 6 type of root; 6 type of root; 6 type of root; 7 gattern of vascular bundles; 6 type of root; 7 gattern of vascular bundles; 6 type of root; 7 gattern of vascular bundles; 7 gattern of vascular bundles; 7 gattern of vascular bundles; 8 presence of cambium/AW; 1]	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F   Ipomoea batatas B Zea mays A Oryza sativa E  1 leaf, width / shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 number of (named) flower parts; 4 number of camed) flower parts; 6 type of root; 5 feaves; 6 type of root; 6 type of root; 6 type of root; 7 gattern of vascular bundles; 6 type of root; 7 gattern of vascular bundles; 6 type of root; 7 gattern of vascular bundles; 7 gattern of vascular bundles; 7 gattern of vascular bundles; 8 presence of cambium/AW; 1]	Triticum aestivum   D	Colanum tuberosum   C	Solanum tuberosum Glycine max Goryza sativa F Oryza sativa I leaf, width / shape; S leaf connection to stem / AW; I leaf, width / shape; I leaf,	Solanum tuberosum  Glycine max  Campion f esculenta  F  Manifot esculenta  F  Coryza sativa  F  Monocotyledon features:  anumber of (named) flower parts;  humber of (named) flower parts;  anumber of (named) flower parts;  humber of (named) flower parts;  campion for the foliation of the foliation of the flower parts;  flower parts in multiples of 3;  number of (named) flower parts;  flower parts in multiples of 3;  number of (named) flower parts;  flower parts in multiples of 3;  number of (named) flower parts;  flower parts in multiples of 3;  number of (named) flower parts;  flower parts in multiples of 3;  number of not;  scattered vascular bundles;  flower parts in multiples of 3;  number of flower parts;  flower parts in multiples of 3;  number of the flower parts in multiples of 3;  number of control is seen flower parts in multiples of 3;  flower parts in multiples of 3;  number of control is seen flower parts in multiples of 3;  number of flower parts in multiples of 3;  number of control is seen flower parts in multiples of 3;  number of control is seen flower parts in multiples of 3;  number of control is seen flower parts in multiples of 3; 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 number of control is seen flower parts in multiples of 3;  number of control is seen flower parts in multiples of 3;  number of control is seen flower parts in multiples of 3;  number of control is seen flower parts in multiples in max [1]  number of control is seen flower parts in multiples in max [1]	Solanum tuberosum   G	Solanum tuberosum   G	Solanum tuberosum   G
	(b) Solanum tuberosum G Solanum tuberosum G Glycine max Glycine max Glycine max Glycine max Glycine max  Manihot esculenta Ipomoea batatas Sea mays Coryza sativa Teaf, width / shape; Summed features: I leaf, width / shape; Summed formed) flower parts; I leaf, width / shape; Summed formed) flower parts; I leaf, width / shape; Sheath / no petiole; Inorcoty/ledon features: Sheath / no petiole; Inorcoty/ledon features: Sheath / no petiole; Inorcoty/ledon features: Sheath / no petiole; Sheatures: Sheath / no petiole; Sheath / no peti	(b) Solanum tuberosum G Solanum tuberosum G Glycine max  Manihot esculenta	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C  Manihot esculenta F  Ipomoea batatas B  Zea mays  Oryza sativa E  1 leaf, width / shape; 3 number of (named) flower parts; 4 number of (named) flower parts; 5 feaves; 6 type of fpot; 7 pattern of vascular bundles; 8 polesence/elabsence of cambium/woody tissue; 8 max [1]	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F Ipomoea batatas B  Zea mays A A  Oryza sativa E  1 leaf, width / shape; Sheath / no petiole; Sheath / no petiol	(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C C  Manihot esculenta F Ipomoea batatas B  Zea mays A A  Oryza sativa E  1 leaf, width / shape; Sheath / no petiole; Sheath / no petiol	(b) Solanum tuberosum G Solanum tuberosum G Glycine max  Manihot esculenta	(b) Solanum tuberosum G Solanum tuberosum G Glycine max  Manihot esculenta Ipomoea batatas Sea mays A Oryza sativa I leaf, width / shape; 3 number of (named) flower parts; I leaf, width / shape; 3 number of (named) flower parts; 4 number of (named) flower parts; 5 feaves; 6 type of pot; 7 pattern of vascular bundles; 8 polesence/elabsence of cambium/woody tissue; 8 max [1]	Solanum tuberosum Glycine max Manihot esculenta Ipomoea batatas Zea mays A Oryza sativa I leaf, width / shape; 3 number of (named) flower parts; I leaf, width / shape; 3 number of (named) flower parts; 4 number of (named) flower parts; 5 feaves; 6 type of fpot; 7 pattern of vascular bundles; 8 presence of pot; 8 presence of pot; 9 cambium / AWV; 1 max [3] 1 max [3] 1 max [3] 2 max [3] 3 max [4] 4 max [4] 5 max [7] 6 max [7] 6 max [7] 7 max [7]	(b) Solanum tuberosum G  Glycine max  C  Manihot esculenta  I pomoea batatas  Zea mays  Coryza sativa  1 leaf, width / shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 number of (named) flower parts; 5 leaf connection to stem/AW; 6 type of fbot; 7 pattern of vascular bundles; 8 presence/elabsence of cambium/woody tissue; 8 max [1]	(b) Solanum tuberosum G  Glycine max  C  Manihot esculenta  I pomoea batatas  Zea mays  Coryza sativa  1 leaf, width / shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 number of (named) flower parts; 5 leaf connection to stem/AW; 6 type of fbot; 7 pattern of vascular bundles; 8 presence/elabsence of cambium/woody tissue; 8 max [1]	(b) general features:  a number of (named) flower parts;  b type of rbot;  cambium+AWV;  Solanum tuberosum  Glycine max  Glycine max  Cambium+AWV;  Solanum tuberosum  Glycine max  Cambium+AWV;  Solanum tuberosum  Glycine max  Cambium tuberosum  Cambium for assurant  Manifot escular  B max [3]  max [4]  max [4]	(b) general features:  a number of (named) flower parts;  b type of rbot;  cambium+AWV;  Solanum tuberosum  Glycine max  Glycine max  Cambium+AWV;  Solanum tuberosum  Glycine max  Cambium+AWV;  Solanum tuberosum  Glycine max  Cambium tuberosum  Cambium for assurant  Manifot escular  B max [3]  max [4]  max [4]	(b) general features:  a number of (named) flower parts;  b type of rbot;  cambium+AWV;  Solanum tuberosum  Glycine max  Glycine max  Cambium+AWV;  Solanum tuberosum  Glycine max  Cambium+AWV;  Solanum tuberosum  Glycine max  Cambium tuberosum  Cambium for assurant  Manifot escular  B max [3]  max [4]  max [4]
	Triticum aestivum   D	Triticum aestivum   C	(b) Solanum tuberosum G Solanum tuberosum G Glycine max  Campinot esculenta F A Oryza sativa F Coryza sati	(b) Solanum tuberosum G Solanum tuberosum G Glycine max  Campinot esculenta F A Oryza sativa F Coryza sati	(b) Solanum tuberosum G Solanum tuberosum G Glycine max  Campinot esculenta F A Oryza sativa F Coryza sati	Triticum aestivum   C	Colanum tuberosum   C	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Manihot esculenta  Famoroea batatas  Zea mays  Oryza sativa  1 leaf, width / shape; 3 number of (named) flower parts; 4 number of (named) flower parts; 5 number of (named) flower parts; 6 type of floot; 7 pattern of vascular bundles; 8 presence of sativa  Solanum tuberosum  C  Manihot esculenta  A  Manihot esculenta  A  Manihot esculenta  B  max [3]  max [3]  max [3]  flower parts in multiples of 3; one cotyledon/seed leaf; flower parts in multiples of 3; one cotyledon/seed leaf; flower parts in multiples of 3; one cotyledon/seed seatler bundles; flower parts in multiples of 3; one cotyledon/seed leaf in mu	(b)  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Glycine max  Glycine max  Manihot esculenta Ipomoea batatas  Zea mays  Oryza sativa  I leaf, width / shape;  a number of (named) flower parts;  number of (named) flower parts;  number of (named) flower parts;  type of not;  type of not;  general features:  I leaf, width / shape;  a number of (named) flower parts;  flower parts in multiples of 3;  number of (named) flower parts;  flower parts in multiples of 3;  number of (named) flower parts;  flower parts in multiples of 3;  flower parts in m	(b)  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Glycine max  Glycine max  Manihot esculenta Ipomoea batatas  Zea mays  Oryza sativa  I leaf, width / shape;  a number of (named) flower parts;  number of (named) flower parts;  number of (named) flower parts;  type of not;  type of not;  general features:  I leaf, width / shape;  a number of (named) flower parts;  flower parts in multiples of 3;  number of (named) flower parts;  flower parts in multiples of 3;  number of (named) flower parts;  flower parts in multiples of 3;  flower parts in m	(b)  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Glycine max  Glycine max  Manihot esculenta Ipomoea batatas  Zea mays  Oryza sativa  I leaf, width / shape;  a number of (named) flower parts;  number of (named) flower parts;  number of (named) flower parts;  type of not;  type of not;  general features:  1 leaf, width / shape;  3 number of (named) flower parts;  humber of cotyledons/seed  5 feaves;  6 type of not;  7 feaves;  6 type of not;  8 presence/absence of	(b)  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Glycine max  Glycine max  Manihot esculenta Ipomoea batatas  Zea mays  Oryza sativa  I leaf, width / shape;  a number of (named) flower parts;  number of (named) flower parts;  number of (named) flower parts;  type of not;  type of not;  general features:  1 leaf, width / shape;  3 number of (named) flower parts;  humber of cotyledons/seed  5 feaves;  6 type of not;  7 feaves;  6 type of not;  8 presence/absence of	(b)  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Glycine max  Glycine max  Manihot esculenta Ipomoea batatas  Zea mays  Oryza sativa  I leaf, width / shape;  a number of (named) flower parts;  number of (named) flower parts;  number of (named) flower parts;  type of not;  type of not;  general features:  1 leaf, width / shape;  3 number of (named) flower parts;  humber of cotyledons/seed  5 feaves;  6 type of not;  7 feaves;  6 type of not;  8 presence/absence of
	Color   Color   Color	Colanum tuberosum   Colanum tuberosum   Colycine max   Colycine	(b) Solanum tuberosum G G  Glycine max C C  Manihot esculenta F F  Ipomoea batatas B S  Zea mays A A  Oryza sativa E E  Oryza sativa E E  1 leaf, width / shape; sheath / no petiole; sheath / no peti	(b) Solanum tuberosum G G  Glycine max C C  Manihot esculenta F F  Ipomoea batatas B S  Zea mays A A  Oryza sativa E E  Oryza sativa E E  1 leaf, width / shape; sheath / no petiole; sheath / no peti	(b) Solanum tuberosum G G  Glycine max C C  Manihot esculenta F F  Ipomoea batatas B S  Zea mays A A  Oryza sativa E E  Oryza sativa E E  1 leaf, width / shape; sheath / no petiole; sheath / no peti	Colanum tuberosum   Colanum tuberosum   Colycine max   Colycine	Color   Color   Color	Continued to the cont	Contact the contact that the contact t	Contact the contact that the contact t	Solanum tuberosum   G	Solanum tuberosum   G	Solanum tuberosum   G
Cambium raw ;	Color   Color   Color	Color   Color   Color	Contact the contact that the contact the contact that t	Contact the contact that the contact the contact that t	Contact the contact that the contact the contact that t	Color   Color   Color	Compared to the connection to stem for type of root;   Compared for type of root;      Compared for type of root;	Solanum tuberosum Glycine max Glycine max Glycine max Glycine max Glycine max Manihot esculenta Ipomoea batatas Zea mays Oryza sativa  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 1 number of (named) flower parts; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 number of (named) flower parts; 5 leaves; 6 type of root; 7 pattern of vascular bundles; 8 phesence/absence of max [3] max [4] max [7]	Solanum tuberosum   G				
	Colored batatas   Damonea ba	Colored max   C   C	Colanum tuberosum   Colanum tuberosum   Colycine max   Colycine	Colanum tuberosum   Colanum tuberosum   Colycine max   Colycine	Colanum tuberosum   Colanum tuberosum   Colycine max   Colycine	Colored max   C   C	Solanum tuberosum Glycine max Glycine max  Glycine max  Manihot esculenta Ipomoea batatas Zea mays Conyza sativa  Teaf, width/shape; Inaf, width/s	Solanum tuberosum Glycine max Glycine max Glycine max Glycine max Glycine max Glycine max Manihot esculenta Ipomoea batatas Zea mays Coryza sativa F Oryza sativa F Coryza sat	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Teaf, width/shape; anumber of connection to stem/AW; anumber of cotyledons/seed  type of root; type of root;  type of root; type	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Teaf, width/shape; anumber of connection to stem/AW; anumber of cotyledons/seed  type of root; type of root;  type of root; type	Solanum tuberosum  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Teaf, width/shape; a number of connection to stem/AW; a number of cotyledons/seed  Seaves; type of root; battern of vascular bundles; connection of cambium/woody tissue; connect	Solanum tuberosum  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Teaf, width/shape; a number of connection to stem/AW; a number of cotyledons/seed  Seaves; type of root; battern of vascular bundles; connection of cambium/woody tissue; connect	Solanum tuberosum  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Teaf, width/shape; a number of connection to stem/AW; a number of cotyledons/seed  Seaves; type of root; battern of vascular bundles; connection of cambium/woody tissue; connect
cambium/AW;	Colored particular aestivum   Colored particular aestivum   Colored particular aestivum   Colored particular aestiva   Colored par	Comparison of the control of the control of type of root;   Comparison of the control of type of root;   Comparison of the control of vascular bundles;   Comparison of the control of	A	A	A	Comparison of the control of the control of type of root;   Comparison of the control of type of root;   Comparison of the control of vascular bundles;   Comparison of the control of	Comparison of the control of the control of type of rbot;   Comparison of type of typ	Solanum tuberosum  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 number of (named) flower parts; 5 number of cotyledons/seed 5 fleaves; 6 type of rbot; 7 pattern pf vascular bundles; 7 pattern pf vascular bundles; 9 no cambium/woody tissue; 7 pattern pf vascular bundles; 9 no cambium/woody tissue;	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Glycine max  I leaf, width shape;  a number of connection to stem/AW;  I leaf, width shape;  I leaf, width shape;  I leaf, width shape;  I number of connection to stem/AW;  I leaf, width shape;  I leaf width	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Glycine max  I leaf, width shape;  a number of connection to stem/AW;  I leaf, width shape;  I leaf, width shape;  I leaf, width shape;  I number of connection to stem/AW;  I leaf, width shape;  I leaf width	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Glycine max  I leaf, width shape;  I leaf, width shape;  I leaf, width shape;  I leaf, width shape;  I number of connection to stem/AW;  I leaf, width shape;  I number of connection to stem/AW;  I leaf, width shape;  I leaf width shape;  I le	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Glycine max  I leaf, width shape;  I leaf, width shape;  I leaf, width shape;  I leaf, width shape;  I number of connection to stem/AW;  I leaf, width shape;  I number of connection to stem/AW;  I leaf, width shape;  I leaf width shape;  I le	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Glycine max  I leaf, width shape;  I leaf, width shape;  I leaf, width shape;  I leaf, width shape;  I number of connection to stem/AW;  I leaf, width shape;  I number of connection to stem/AW;  I leaf, width shape;  I leaf width shape;  I le
cambium/AW ;	Triticum aestivum   B   Solanum tuberosum   G	Triticum aestivum   C	Triticum aestivum   D	Triticum aestivum   D	Triticum aestivum   D	Triticum aestivum   C	Triticum aestivum   B   Solanum tuberosum   G	Solanum tuberosum Solanum tuberosum Glycine max Glycine max Glycine max Glycine max  Manihot esculenta Ipomoea batatas Zea mays Coryza sativa  Teaf width shape; Sheatures: Inumber of (named) flower parts; Inumper of (named) flower	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Camays  Amax [3]  (b)  Glycine max  Camays  Amax [3]  Coryza sativa  Glycine max  Camays  Amax [3]  Manihot esculenta  Ipomoea batatas  B  Coryza sativa  Amax [3]  Max [3]  Max [3]  Max [3]  Amax [3]  Amax [3]  Amax [3]  Amax [3]  Amax [3]  Cambium woody issue:  Sheath / no petiole;  Inver parts in multiples of 3;  Amax [3]  Amax [3]  Amax [3]  Cambium woody issue:  Cambium woody issue:  Cambium woody issue:	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Camays  Amax [3]  (b)  Glycine max  Camays  Amax [3]  Coryza sativa  Glycine max  Camays  Amax [3]  Manihot esculenta  Ipomoea batatas  B  Coryza sativa  Amax [3]  Max [3]  Max [3]  Max [3]  Amax [3]  Amax [3]  Amax [3]  Amax [3]  Amax [3]  Cambium woody issue:  Sheath / no petiole;  Inver parts in multiples of 3;  Amax [3]  Amax [3]  Amax [3]  Cambium woody issue:  Cambium woody issue:  Cambium woody issue:	Solanum tuberosum  Glycine max  Glycine max  Glycine max  Glycine max  Camays  Zea mays  Oryza sativa  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; 4 number of cotyledons/seed 5 feaves; 6 type of rpot; 6 type of rpot; 6 type of rpot; 7 pattern of vascular bundles: 8 connection to stem / AW; 9 combinium / wondy tissue: 9 connection to stem / AW; 1 leaf, width / shape; 9 connection to stem / AW; 1 leaf, width / shape; 1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; 4 number of (named) flower parts; 6 type of rpot; 7 pattern of vascular bundles; 8 connection to stem / AW; 9 connec	Solanum tuberosum  Glycine max  Glycine max  Glycine max  Glycine max  Camays  Zea mays  Oryza sativa  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; 4 number of cotyledons/seed 5 feaves; 6 type of rpot; 6 type of rpot; 6 type of rpot; 7 pattern of vascular bundles: 8 connection to stem / AW; 9 combinium / wondy tissue: 9 connection to stem / AW; 1 leaf, width / shape; 9 connection to stem / AW; 1 leaf, width / shape; 1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; 4 number of (named) flower parts; 6 type of rpot; 7 pattern of vascular bundles; 8 connection to stem / AW; 9 connec	Solanum tuberosum  Glycine max  Glycine max  Glycine max  Glycine max  Camays  Zea mays  Oryza sativa  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; 4 number of cotyledons/seed 5 feaves; 6 type of rpot; 6 type of rpot; 6 type of rpot; 7 pattern of vascular bundles: 8 connection to stem / AW; 9 combinium / wondy tissue: 9 connection to stem / AW; 1 leaf, width / shape; 9 connection to stem / AW; 1 leaf, width / shape; 1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; 4 number of (named) flower parts; 6 type of rpot; 7 pattern of vascular bundles; 8 connection to stem / AW; 9 connec
cambium/AtV;	Triticum aestivum   B     Solanum tuberosum   G     Glycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     I leaf, width/shape;   Sheath/no petiole;     I leaf, width/shape;   Sheath/no petiole;   Sheath/no petiole;     I leaf, width/shape;   Sheath/no petiole;   Sheath/no	Triticum aestivum   D	Comparison of the connection to stem/AW;   Comparison of the connection to stem/AW;   Comparison of the connection to stem/AW;   Comparison of the connection to the connect	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  A Oryza sativa  Glycine max  A Oryza sativa  I leaf, width / shape;  I leaf	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Coryza sativa  Glycine max  A mumber of connection to stem/AW;  I leaf, width shape; I leaf connection to stem/AW; I leaf, width shape; I leaf connection to stem/AW; I leaf, width shape; I leaf connection to stem/AW; I leaf, width shape; I leaf connection to stem/AW; I leaf, width shape; I leaf connection to stem/AW; I leaf, width shape; I leaf connection to stem/AW; I leaf, width shape; I leaf connection to stem/AW; I leaf, width shape; I leaf connection to stem/AW; I leaf, width shape; I leaf connection to stem/AW; I leaf, width shape; I leaf connection to stem/AW; I leaf, width shape; I leaf connection to stem/AW; I leaf width shape; I leaf connection to stem/AW; I leaf width shape; I leaf connection to stem/AW; I leaf width shape; I leaf width shape; I leaf width shape; I leaf connection to stem/AW; I leaf width shape; I leaf connection to stem/AW; I leaf width shape; I leaf connection to stem/AW; I leaf width shape; I leaf connection to stem/AW; I leaf width shape; I leaf connection to stem/AW; I leaf width shape; I leaf connection to stem/AW; I leaf width shape; I leaf width shape; I leaf connection to stem/AW; I leaf width shape; I leaf connection to stem/AW; I leaf width shape; I leaf connection to stem/AW; I leaf width shape; I leaf connection to stem/AW; I leaf width shape; I leaf width shape; I leaf width shape; I leaf width shape; I leaf connection to stem/AW; I leaf width shape; I leaf w	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  A number of (named) flower parts;  I leaf, width (shape; I leaf, width (shape; I leaf, connection to stem/AW); I leaf, width (shape; I leaf connection to stem/AW); I leaf, width (shape; I leaf width (shape; I leaf width (shape; I leaf connection to stem/AW); I leaf, width (shape; I leaf connection to stem/AW); I leaf, width (shape; I leaf connection to stem/AW); I leaf, width (shape; I leaf connection to stem/AW); I leaf, width (shape; I leaf width (shape; I leaf connection to stem/AW); I leaf width (shape; I leaf connection to stem/AW); I leaf width (shape; I leaf width (shape; I leaf connection to stem/AW); I leaf width (shape; I leaf connection to stem/AW); I leaf width (shape; I leaf width (shape; I leaf connection to stem/AW); I leaf width (shape; I leaf connection to stem/AW); I leaf width (shape; I leaf connection to stem/AW); I leaf width (shape; I leaf connection to stem/AW); I leaf width (shape; I leaf connection to stem/AW); I leaf width (shape; I leaf connection to stem/AW); I leaf width (shape; I leaf connection to stem/AW); I leaf width (shape; I leaf connection to stem/AW); I leaf width (shape; I leaf connection to stem/AW); I leaf width (shape; I leaf connection to stem/AW); I leaf width (shape; I leaf connection to stem/AW); I leaf width (shape; I leaf connection to stem/AW); I leaf width (shape; I leaf connection to stem/AW); I leaf width (shape; I leaf connection to stem/AW); I leaf width (shape; I leaf connection to stem/AW); I leaf width (shape; I	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Glycine max  I leaf, width shape;  I le	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Glycine max  I leaf, width shape;  I le	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Glycine max  I leaf, width shape;  I le				
presence/absence of cambium/AW;	Color   Triticum aestivum   Color	Colanum tuberosum   C	(b)  Triticum aestivum Solanum tuberosum Glycine max Glycine max Glycine max Glycine max C Manihot esculenta Ipomoea batatas Zea mays A Oryza sativa I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I	(b)  Triticum aestivum Solanum tuberosum Glycine max Glycine max Glycine max Glycine max C Manihot esculenta Ipomoea batatas Zea mays A Oryza sativa I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I	(b)  Triticum aestivum Solanum tuberosum Glycine max Glycine max Glycine max Glycine max C Manihot esculenta Ipomoea batatas Zea mays A Oryza sativa I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I	Colanum tuberosum   C	Triticum aestivum   B   Solanum tuberosum   G	Solanum tuberosum Glycine max Glycine max Glycine max Glycine max Glycine max Glycine max Cea mays Cea mays Coryza sativa I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I l	Solanum tuberosum Glycine max Manihot esculenta Ipomoea batatas A A Oryza sativa General features:  1 leaf, width / shape; leaf connection to stem / AW; 3 number of (named) flower parts; 4 number of, cotyledons/seed 5 feaves; 6 type of root;  Solanum tuberosum G A  Manihot esculenta F A  Manihot esculenta F A  Max [3]  max [3]  monocotyledon features: sheath / no petiole;	Solanum tuberosum Glycine max Manihot esculenta Ipomoea batatas A A Oryza sativa General features:  1 leaf, width / shape; leaf connection to stem / AW; 3 number of (named) flower parts; 4 number of, cotyledons/seed 5 feaves; 6 type of root;  Solanum tuberosum G A  Manihot esculenta F A  Manihot esculenta F A  Max [3]  max [3]  monocotyledon features: sheath / no petiole;	Solanum tuberosum Glycine max Glycine max Glycine max Glycine max Glycine max Manihot esculenta Ipomoea batatas Zea mays Onza sativa Gonza sativa F Onza sativa I leaf, width / shape; leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; 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pattern of vascular bundles; no, cambium / woody tissue; presence/absence of cambium / AVV;	Colanum tuberosum   C	Colanum tuberosum   C	Triticum aestivum   D	Triticum aestivum   D	Triticum aestivum   D	Colanum tuberosum   C	Colanum tuberosum   C	Inflictum aestruum   C     Solanum tuberosum   C     Glycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     I leaf, width/shape;   Sheath/no petiole;   Sheath no petiole;   Sheath no petiole;   Sheaves;   Shea	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  F  Manihot esculenta  P  Can mays  Coryza sativa  Coryza sativa  Ghycine max  Manihot esculenta  F  Coryza sativa  Coryza sativa  F  Manihot esculenta  F  Manihot esculenta  F  Manihot esculenta  F  Max [3]  Max [3]  Max [3]  The leaf, width/shape;  B  Max [3]  Max [3]  The leaf, width/shape;  B  Max [3]  The leaf, width/shape;  Chapter of none cotyledon features:  The leaf, width/shape;  B  Max [3]  The leaf, width/shape;  B  Max [3]  The leaf, width/shape;  Chapter of none cotyledon features:  The leaf, width/shape;  The leaf connection to stem/AW;  The leaf connection	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  F  Manihot esculenta  P  Can mays  Coryza sativa  Coryza sativa  Ghycine max  Manihot esculenta  F  Coryza sativa  Coryza sativa  F  Manihot esculenta  F  Manihot esculenta  F  Manihot esculenta  F  Max [3]  Max [3]  Max [3]  The leaf, width/shape;  B  Max [3]  Max [3]  The leaf, width/shape;  B  Max [3]  The leaf, width/shape;  Chapter of none cotyledon features:  The leaf, width/shape;  B  Max [3]  The leaf, width/shape;  B  Max [3]  The leaf, width/shape;  Chapter of none cotyledon features:  The leaf, width/shape;  The leaf connection to stem/AW;  The leaf connection	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  P  Manihot esculenta  P  Cas mays  Oryza sativa  Chyza sativa  Chyza sativa  T leaf, width/shape;  a number of connection to stem/AW;  a number of, cotyledons/seed  fibrous roots;  choose a patatas  A number of connection to stem/AW;  sheath/no petiole;  fibrous roots;  scattered vascular bundles:  Solanum tuberosum  C  Max [3]  max [3]	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  P  Manihot esculenta  P  Cas mays  Oryza sativa  Chyza sativa  Chyza sativa  T leaf, width/shape;  a number of connection to stem/AW;  a number of, cotyledons/seed  fibrous roots;  choose a patatas  A number of connection to stem/AW;  sheath/no petiole;  fibrous roots;  scattered vascular bundles:  Solanum tuberosum  C  Max [3]  max [3]	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  P  Manihot esculenta  P  Cas mays  Oryza sativa  Chyza sativa  Chyza sativa  T leaf, width/shape;  a number of connection to stem/AW;  a number of, cotyledons/seed  fibrous roots;  choose a patatas  A number of connection to stem/AW;  sheath/no petiole;  fibrous roots;  scattered vascular bundles:  Solanum tuberosum  C  Max [3]  max [3]
pattern of vascular bundles; no, cambium/woody tissue; presence/absence of cambium/AW;	Colanum tuberosum   Colycine max   Colanum tuberosum   Colycine max   Colorea batatas   Colorea batatas   Colorea sativa	Colanum tuberosum   Colanum tuberosum   Colanum tuberosum   Colycine max   Colanum tuberosum   Colycine max   Colonoca batatas   Colonoca batata	Triticum aestivum   D	Triticum aestivum   D	Triticum aestivum   D	Colanum tuberosum   Colanum tuberosum   Colanum tuberosum   Colycine max   Colanum tuberosum   Colycine max   Colonoca batatas   Colonoca batata	Colanum tuberosum   Colycine max   Colonea batatas   Colonea bat	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  F  Donza sativa  Conza sativa  I leaf, width/shape; I leaf connection to stem/AW; I leaf, width/shape; I leaf connection to stem/AW; I leaf, width/shape; I leaf connection to stem/AW; I leaf I leaf connectio	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Coryza sativa  I leaf, width / shape;  leaf connection to stem / AW;  leaf width / shape;  leaf connection to stem / AW;  leaf width / shape;  leaf connection to stem / AW;  leaf connection to stem /	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Coryza sativa  I leaf, width / shape;  leaf connection to stem / AW;  leaf width / shape;  leaf connection to stem / AW;  leaf width / shape;  leaf connection to stem / AW;  leaf connection to stem /	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Goryza sativa  I leaf, width / shape; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; 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I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Goryza sativa  I leaf, width / shape; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf, width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; 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pattern of vascular bundles; no, cambium/woody tissue; presence/absence of cambium/AW;	Triticum aestivum   D	Colanum tuberosum   Colycine max   Coloning max   Colycine max	Triticum aestivum   D	Triticum aestivum   D	Triticum aestivum   D	Colanum tuberosum   Colycine max   Coloning max   Colycine max	Colanum tuberosum   C	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Chyza sativa  Glycine max  Manihot esculenta  Ipomoea batatas  A  Oryza sativa  General features:  1 leaf, width / shape;  leaf connection to stem / AW;  l	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  A  Oryza sativa  General features:  1 leaf, width / shape;	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  A  Oryza sativa  General features:  1 leaf, width / shape;	Solanum tuberosum   G     Solanum tuberosum   G     Glycine max   C     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     I leaf, width / shape;   sheath / no petiole;   a     I leaf, width / shape;	Solanum tuberosum   G     Solanum tuberosum   G     Glycine max   C     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     I leaf, width / shape;   sheath / no petiole;   a     I leaf, width / shape;	Solanum tuberosum   G     Solanum tuberosum   G     Glycine max   C     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     I leaf, width / shape;   sheath / no petiole;   a     I leaf, width / shape;
type of root; pattern of vascular bundles; pattern of vascular bundles; pattern of vascular bundles; no, cambium/woody tissue; presence/absence of cambium/AW;	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Goryza sativa  I leaf, width / shape;  leaf connection to stem / AW;  I leaf, width / shape;  I leaf, width /	Triticum aestivum   D	(a)     Triticum aestivum     D       Solanum tuberosum     G       Glycine max     C       Manihot esculenta     F       Ipomoea batatas     B       Zea mays     A       Oryza sativa     E       1 leaf, width / shape;     Inarrow leaves;       2 leaf connection to stem/AW;     sheath / no petiole;       3 number of (named) flower parts;     flower parts in multiples of 3;       4 number of (named) seed leaf;     flower parts in multiples of 3;       5 leaves:     fibrous roots:	(a)     Triticum aestivum     D       Solanum tuberosum     G       Glycine max     C       Manihot esculenta     F       Ipomoea batatas     B       Zea mays     A       Oryza sativa     E       1 leaf, width / shape;     Inarrow leaves;       2 leaf connection to stem/AW;     sheath / no petiole;       3 number of (named) flower parts;     flower parts in multiples of 3;       4 number of (named) seed leaf;     flower parts in multiples of 3;       5 leaves:     fibrous roots:	(a)     Triticum aestivum     D       Solanum tuberosum     G       Glycine max     C       Manihot esculenta     F       Ipomoea batatas     B       Zea mays     A       Oryza sativa     E       1 leaf, width / shape;     Inarrow leaves;       2 leaf connection to stem/AW;     sheath / no petiole;       3 number of (named) flower parts;     flower parts in multiples of 3;       4 number of (named) seed leaf;     flower parts in multiples of 3;       5 leaves:     fibrous roots:	Triticum aestivum   D	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Ghya sativa  I leaf, width / shape;  Leaf connection to stem / AW;  I leaf, width / shape;  I leaf, width / s	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  F  Manihot esculenta  F  Coryza sativa  Ghyza sativa  F  Oryza sativa  F  Monocotyledon features:  I leaf, width / shape;  leaf connection to stem / AW;  I leaf, width / shape;  I leaf, width / shap	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  F  Manihot esculenta  F  Jean mays  Oryza sativa  T leaf, width / shape;  leaf connection to stem / AW;  number of (named) flower parts;  number of (named) flower parts;  number of (named) flower parts;  humber of (cotyledons / seed leaf;  fibrous roots:	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  F  Manihot esculenta  F  Jean mays  Oryza sativa  T leaf, width / shape;  leaf connection to stem / AW;  number of (named) flower parts;  number of (named) flower parts;  number of (named) flower parts;  humber of (cotyledons / seed leaf;  fibrous roots:	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  F  Manihot esculenta  F  Jean mays  Oryza sativa  T leaf, width / shape;  leaf connection to stem / AW;  number of (named) flower parts;  number of (named) flower parts;  number of (named) flower parts;  humber of (cotyledons / seed leaf;  fibrous roots;	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  F  Manihot esculenta  F  Jean mays  Oryza sativa  T leaf, width / shape;  leaf connection to stem / AW;  number of (named) flower parts;  number of (named) flower parts;  number of (named) flower parts;  humber of (cotyledons / seed leaf;  fibrous roots;	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  F  Manihot esculenta  F  Jean mays  Oryza sativa  T leaf, width / shape;  leaf connection to stem / AW;  number of (named) flower parts;  number of (named) flower parts;  number of (named) flower parts;  humber of (cotyledons / seed leaf;  fibrous roots;
type of root; pattern of vascular bundles; presence/absence of cambium/AWV; no, cambium/AWV;	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  A  Oryza sativa  Glycine max  I leaf, width/shape;  a leaf connection to stem/AW;  I leaf, width/shape;  a number of (named) flower parts;  I number of (named) flower parts;	Triticum aestivum   D	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  A  Oryza sativa  Glycine max  I leaf, width/shape;  a leaf connection to stem/AW;  I leaf, width/shape;  a number of (named) flower parts;  Inwer parts in multiples of 3;  Inwhoer of (cotyledon/seed leaf;  Inwer parts in multiples of 3;  Inwhoer of (cotyledon/seed leaf;	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  A  Oryza sativa  Glycine max  I leaf, width/shape;  a number of (named) flower parts;  I number of (named) flower parts;  Inumber of (named) flower parts;  Inumper of (named) flower pa	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Ghycine max  I leaf, width/shape;  leaf connection to stem/AW;  I leaf, width/shape;  I leaf connection to stem/AW;  I number of (named) flower parts;  I number of (named) flower parts;  I number of cotyledon/seed leaf;  I number of cotyledon/seed leaf;	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Ghycine max  I leaf, width/shape;  leaf connection to stem/AW;  I leaf, width/shape;  I leaf connection to stem/AW;  I number of (named) flower parts;  I number of (named) flower parts;  I number of cotyledon/seed leaf;  I number of cotyledon/seed leaf;	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Glycine max  I leaf, width/shape;  I leaf, width/shape; I leaf connection to stem/AW; I leaf connection to st	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Glycine max  I leaf, width/shape;  I leaf, width/shape; I leaf connection to stem/AW; I leaf connection to st	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Glycine max  I leaf, width/shape;  I leaf, width/shape; I leaf connection to stem/AW; I leaf connection to st				
type of root; scattered vascular bundles; pattern of vascular bundles; pattern of vascular bundles; no, cambium/woody tissue; presence/absence of cambium/AW;	Triticum aestivum   D	Triticum aestivum   D	(a)     Triticum aestivum     D       Solanum tuberosum     G       Glycine max     C       Manihot esculenta     F       Ipomoea batatas     B       Zea mays     A       Oryza sativa     E       1     leaf, width/shape;       1     leaf connection to stem/AW;       2     leaf connection to stem/AW;       3     number of (named) flower parts;       4     number of (cotyledons/seed    Indicate:  A purposed leaf;  Indicate:  In	(a)     Triticum aestivum     D       Solanum tuberosum     G       Glycine max     C       Manihot esculenta     F       Ipomoea batatas     B       Zea mays     A       Oryza sativa     E       1     leaf, width/shape;       1     leaf connection to stem/AW;       2     leaf connection to stem/AW;       3     number of (named) flower parts;       4     number of (cotyledons/seed    Indicate:  A purposed leaf;  Indicate:  In	(a)     Triticum aestivum     D       Solanum tuberosum     G       Glycine max     C       Manihot esculenta     F       Ipomoea batatas     B       Zea mays     A       Oryza sativa     E       1     leaf, width/shape;       1     leaf connection to stem/AW;       2     leaf connection to stem/AW;       3     number of (named) flower parts;       4     number of (cotyledons/seed    Indicate:  A purposed leaf;  Indicate:  In	Triticum aestivum   D	Triticum aestivum   D	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Glycine max  C  Manihot esculenta  F  Manihot esculenta  Cea mays  Coryza sativa  B  Oryza sativa  E  Monocotyledon features:  1 leaf, width / shape;	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Chyza sativa  I leaf, width/shape; I leaf, width/shape; I leaf connection to stem/AW; I leaf	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Chyza sativa  I leaf, width/shape; I leaf, width/shape; I leaf connection to stem/AW; I leaf	Solanum tuberosum Glycine max Glycine max Glycine max Glycine max Manihot esculenta Ipomoea batatas Zea mays Oryza sativa Coryza sativa E Oryza sativa E  Monocotyledon features: sheath / no petiole; number of (named) flower parts; number of (named) flower parts; number of, cotyledons/seed  Solanum tuberosum G Manihot esculenta F  Max [3]  Monocotyledon features: sheath / no petiole;	Solanum tuberosum Glycine max Glycine max Glycine max Glycine max Manihot esculenta Ipomoea batatas Zea mays Oryza sativa Coryza sativa E Oryza sativa E  Monocotyledon features: sheath / no petiole; number of (named) flower parts; number of (named) flower parts; number of, cotyledons/seed  Solanum tuberosum G Manihot esculenta F  Max [3]  Monocotyledon features: sheath / no petiole;	Solanum tuberosum Glycine max Glycine max Glycine max Glycine max Manihot esculenta Ipomoea batatas Zea mays Oryza sativa Coryza sativa E Oryza sativa E  Monocotyledon features: sheath / no petiole; number of (named) flower parts; number of (named) flower parts; number of, cotyledons/seed  Solanum tuberosum G Manihot esculenta F  Max [3]  Monocotyledon features: sheath / no petiole;
fibrous roots; type of root; pattern of vascular bundles; presence/absence of cambium/woody tissue; presence/absence of cambium/AWV;	Continued a setivum   D	Continued a setivum   D	Triticum aestivum   D	Triticum aestivum   D	Triticum aestivum   D	Continued a setivum   D	Colanum tuberosum   Colanum tuberosum   Colanum tuberosum   Colycine max   Coly	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Coryza sativa  I leaf, width / shape;  I leaf connection to stem / AW;  I leaf, width / shape;  I leaf connection to stem / AW;  I leaf, width / shape;  Inumber of (named) flower parts;  Inumber of (named) flower parts;  Inumber of controlled on search leaf or shaped	Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Coryza sativa  I leaf, width / shape;  I leaf, width / s	Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Coryza sativa  I leaf, width / shape;  I leaf, width / s	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Chyza sativa  I leaf, width / shape; I leaf, width / shape; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Chyza sativa  I leaf, width / shape; I leaf, width / shape; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Chyza sativa  I leaf, width / shape; I leaf, width / shape; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width / Shape; I leaf connection to stem / AW; I leaf width
type of root; type of root; pattern of vascular bundles; pattern of vascular bundles; presence/absence of cambium/AW;	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Can mays  Zea mays  Oryza sativa  Chyza sativa  Chy	Solanum tuberosum  Glycine max  Glycine max  Glycine max  Glycine max  Camays  Cea mays  Coryza sativa  Chyza sativa  Chyza sativa  Chyza sativa  Chyza sativa  Coryza sati	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays Oryza sativa E  Oryza sativa E  1 leaf, width/shape; leaf connection to stem/AW; sheath/no petiole; a number of (named) flower parts; in multiples of 3;	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays Oryza sativa E  Oryza sativa E  1 leaf, width/shape; leaf connection to stem/AW; sheath/no petiole; a number of (named) flower parts; in multiples of 3;	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays Oryza sativa E  Oryza sativa E  1 leaf, width/shape; leaf connection to stem/AW; sheath/no petiole; a number of (named) flower parts; in multiples of 3;	Solanum tuberosum  Glycine max  Glycine max  Glycine max  Glycine max  Camays  Cea mays  Coryza sativa  Chyza sativa  Chyza sativa  Chyza sativa  Chyza sativa  Coryza sati	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  F  Donza sativa  Cea mays  Coryza sativa  B  Oryza sativa  Glycine max  Manihot esculenta  F  Manihot	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Ca mays  Coryza sativa  Coryza sat	Solanum tuberosum  Glycine max  Glycine max  Glycine max  Calca mays  Zea mays  Oryza sativa  Chyza	Solanum tuberosum  Glycine max  Glycine max  Glycine max  Calca mays  Zea mays  Oryza sativa  Chyza	Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Chyza sativa  Chyza sativa  Glycine max  Ipomoea batatas  Zea mays  A  Oryza sativa  Ghy  Ineaf, width/shape; Ineaf, width/shape; Ineaf connection to stem/AW;	Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Chyza sativa  Chyza sativa  Glycine max  Ipomoea batatas  Zea mays  A  Oryza sativa  Ghy  Ineaf, width/shape; Ineaf, width/shape; Ineaf connection to stem/AW;	Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Chyza sativa  Chyza sativa  Glycine max  Ipomoea batatas  Zea mays  A  Oryza sativa  Ghy  Ineaf, width/shape; Ineaf, width/shape; Ineaf connection to stem/AW;
fibrous roots; fibrous roots; type of root; pattern of vascular bundles; pattern of vascular bundles; presence/absence of cambium/AW;	(a)         Triticum aestivum         D           Solanum tuberosum         G           Glycine max         C           Manihot esculenta         F           Ipomoea batatas         B           Zea mays         A           Oryza sativa         E           (b)         general features:           1         leaf, width/shape;           2         leaf connection to stem/AW;           3         number of (named) flower parts;           Inumber of (named) flower parts;         flower parts in multiples of 3;	(a)         Triticum aestivum         D           Solanum tuberosum         G           Glycine max         C           Manihot esculenta         F           Ipomoea batatas         B           Zea mays         A           Oryza sativa         E           (b)         general features:           1         leaf, width/shape;           2         leaf connection to stem/AW;           3         number of (named) flower parts;           Inumber of (named) flower parts;         flower parts in multiples of 3;	(a)     Triticum aestivum     D       Solanum tuberosum     G       Glycine max     C       Manihot esculenta     F       Ipomoea batatas     B       Zea mays     A       Oryza sativa     E       (b)     general features:       1     leaf, width/shape;       2     leaf connection to stem/AW;       3     number of (named) flower parts;       Inumber of (named) flower parts;     flower parts in multiples of 3;	(a)     Triticum aestivum     D       Solanum tuberosum     G       Glycine max     C       Manihot esculenta     F       Ipomoea batatas     B       Zea mays     A       Oryza sativa     E       (b)     general features:       1     leaf, width/shape;       2     leaf connection to stem/AW;       3     number of (named) flower parts;       Inumber of (named) flower parts;     flower parts in multiples of 3;	(a)     Triticum aestivum     D       Solanum tuberosum     G       Glycine max     C       Manihot esculenta     F       Ipomoea batatas     B       Zea mays     A       Oryza sativa     E       (b)     general features:       1     leaf, width/shape;       2     leaf connection to stem/AW;       3     number of (named) flower parts;       Inumber of (named) flower parts;     flower parts in multiples of 3;	(a)         Triticum aestivum         D           Solanum tuberosum         G           Glycine max         C           Manihot esculenta         F           Ipomoea batatas         B           Zea mays         A           Oryza sativa         E           (b)         general features:           1         leaf, width/shape;           2         leaf connection to stem/AW;           3         number of (named) flower parts;           Inumber of (named) flower parts;         flower parts in multiples of 3;	(a)         Triticum aestivum         D           Solanum tuberosum         G           Glycine max         C           Manihot esculenta         F           Ipomoea batatas         B           Zea mays         A           Oryza sativa         E           (b)         general features:           1         leaf, width/shape;           2         leaf connection to stem/AW;           3         number of (named) flower parts;           Inumber of (named) flower parts;         flower parts in multiples of 3;	Colanum tuberosum   Colanum tuberosum   Colanum tuberosum   Colanum tuberosum   Colanum tuberosum   Colanum tuberosum   Colonum tuberosum   Colonum tuberosum   Colonum colonum tuberosum   Colonum colonum tuberosum   Colonum colonum   Colonum colonum colonum   Colonum colonum	Solanum tuberosum   C     Solanum tuberosum   C     Glycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     I leaf, width/shape;   Sheath/no petiole;     1 leaf, width/shape;   Sheath/no petiole;     2 leaf connection to stem/AW;   Sheath/no petiole;     3 number of (named) flower parts;   flower parts in multiples of 3;	Solanum tuberosum   C     Solanum tuberosum   C     Glycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     I leaf, width/shape;   Sheath/no petiole;     1 leaf, width/shape;   Sheath/no petiole;     2 leaf connection to stem/AW;   Sheath/no petiole;     3 number of (named) flower parts;   flower parts in multiples of 3;	Solanum tuberosum Glycine max Glycine max Glycine max Camays A Oryza sativa  Cb) Glycine max Camays A Coryza sativa Coryza sativa Coryza sativa E Coryza sativa F Coryza sativ	Solanum tuberosum Glycine max Glycine max Glycine max Camays A Oryza sativa  Cb) Glycine max Camays A Coryza sativa Coryza sativa Coryza sativa E Coryza sativa F Coryza sativ	Solanum tuberosum Glycine max Glycine max Glycine max Camays A Oryza sativa  Cb) Glycine max Camays A Coryza sativa Coryza sativa Coryza sativa E Coryza sativa F Coryza sativ
number of, cotyledons/ seed one cotyledon / seed leaf; feaves; type of root; scattered vascular bundles; pattern of vascular bundles; no, cambium / woody tissue; presence/absence of cambium / AVV;	Colanum tuberosum   Colanum tuberosum tubero	Triticum aestivum   D	Colanum tuberosum   Colanum tuberosum   Colanum tuberosum   Colanum tuberosum   Colanum tuberosum   Colanum tuberosum   Colonum tuberosum tubero	Comparison of the follower parts: Introum aestivum   D	Solanum tuberosum  Solanum tuberosum  Glycine max  Manifrot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Chyza sativa  I leaf, width / shape; I leaf, wid	Solanum tuberosum  Solanum tuberosum  Glycine max  Manifrot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Chyza sativa  I leaf, width / shape; I leaf, wid	Solanum tuberosum   G     Solanum tuberosum   G     Glycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     1   leaf, width / shape ;   leaf connection to stem / AW ;   sheath / no petiole ;     2   leaf connection to stem / AW ;   sheath / no petiole ;     3   number of fnamed flower parts in multiples of 3 .	Solanum tuberosum   G     Solanum tuberosum   G     Glycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     1   leaf, width / shape ;   leaf connection to stem / AW ;   sheath / no petiole ;     2   leaf connection to stem / AW ;   sheath / no petiole ;     3   number of fnamed flower parts in multiples of 3 .	Solanum tuberosum   G     Solanum tuberosum   G     Glycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     1   leaf, width / shape ;   leaf connection to stem / AW ;   sheath / no petiole ;     2   leaf connection to stem / AW ;   sheath / no petiole ;     3   number of fnamed flower parts in multiples of 3 .				
number of, cotyledons/seed   one cotyledon/seed leaf;   feaves;   fibrous roots;   scattered vascular bundles;   pattern of vascular bundles;   no, cambium/woody tissue;   presence/absence of   cambium/AW;	Triticum aestivum   D	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Capanity  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Chyza sativa  B  Max [3]  Max [3]  The leaf, width / shape;  Sheath / no petiole;  Sheath / no petiole;  Sheath / no petiole;  Sheath / no petiole;	Solanum tuberosum  Glycine max  Glycine max  Calpornoea batatas  Ipomoea batatas  Zea mays  Oryza sativa  Chyza sativa  I leaf, width / shape;  I leaf, width / shape;  I leaf connection to stem / AW;  Sheath / no petiole;  Solanum tuberosum  Calpornoea  Calp	Solanum tuberosum  Glycine max  Glycine max  Calpornoea batatas  Ipomoea batatas  Zea mays  Oryza sativa  Chyza sativa  I leaf, width / shape;  I leaf, width / shape;  I leaf connection to stem / AW;  Sheath / no petiole;  Solanum tuberosum  Calpornoea  Calp	Solanum tuberosum  Glycine max  Glycine max  Calpornoea batatas  Ipomoea batatas  Zea mays  Coryza sativa  Coryza sativa  B  Manihot esculenta  F  A  Coryza sativa  B  Manihot esculenta  F  Manihot esculenta  F  A  A  I leaf, width / shape;  Sheath / no petiole;  Sheath / no petiole;  Sheath / no petiole;	Solanum tuberosum  Glycine max  Glycine max  Calpornoea batatas  Ipomoea batatas  Zea mays  Coryza sativa  Coryza sativa  B  Manihot esculenta  F  A  Coryza sativa  B  Manihot esculenta  F  Manihot esculenta  F  A  A  I leaf, width / shape;  Sheath / no petiole;  Sheath / no petiole;  Sheath / no petiole;	Solanum tuberosum  Glycine max  Glycine max  Calpornoea batatas  Ipomoea batatas  Zea mays  Coryza sativa  Coryza sativa  B  Manihot esculenta  F  A  Coryza sativa  B  Manihot esculenta  F  Manihot esculenta  F  A  A  I leaf, width / shape;  Sheath / no petiole;  Sheath / no petiole;  Sheath / no petiole;						
number of (named) flower parts; in multiples of 3; number of, cotyledons/seed fibrous roots; fibrous roots; scattered vascular bundles; presence/absence of cambium/AVV;	(a)         Triticum aestivum         D           Solanum tuberosum         G           Glycine max         C           Glycine max         C           Manihot esculenta         F           Ipomoea batatas         B           Zea mays         A           Oryza sativa         E           (b)         general features:           1         leaf, width / shape;           2         leaf connection to stem / AW;           sheath / no petiole;	(a)         Triticum aestivum         D           Solanum tuberosum         G           Glycine max         C           Manihot esculenta         F           Ipomoea batatas         B           Zea mays         A           Oryza sativa         E           (b)         general features:           1         leaf, width / shape;           2         leaf connection to stem / AW;           sheath / no petiole;         sheath / no petiole;	(a)     Triticum aestivum     D       Solanum tuberosum     G       Glycine max     C       Glycine max     C       Manihot esculenta     F       Ipomoea batatas     B       Zea mays     A       Oryza sativa     E       (b)     general features:       1     leaf, width / shape;       2     leaf connection to stem / AW;       sheath / no petiole;	(a)     Triticum aestivum     D       Solanum tuberosum     G       Glycine max     C       Glycine max     F       Manihot esculenta     F       Ipomoea batatas     B       Zea mays     A       Oryza sativa     E       (b)     general features:       1     leaf, width / shape;       2     leaf connection to stem / AW;       sheath / no petiole;	(a)     Triticum aestivum     D       Solanum tuberosum     G       Glycine max     C       Glycine max     F       Manihot esculenta     F       Ipomoea batatas     B       Zea mays     A       Oryza sativa     E       (b)     general features:       1     leaf, width / shape;       2     leaf connection to stem / AW;       sheath / no petiole;	(a)         Triticum aestivum         D           Solanum tuberosum         G           Glycine max         C           Manihot esculenta         F           Ipomoea batatas         B           Zea mays         A           Oryza sativa         E           (b)         general features:           1         leaf, width / shape;           2         leaf connection to stem / AW;           sheath / no petiole;         sheath / no petiole;	(a)         Triticum aestivum         D           Solanum tuberosum         G           Glycine max         C           Glycine max         C           Manihot esculenta         F           Ipomoea batatas         B           Zea mays         A           Oryza sativa         E           (b)         general features:           1         leaf, width / shape;           2         leaf connection to stem / AW;           sheath / no petiole;	Inticum aestivum   D     Solanum tuberosum   G     Glycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     Glycine max   C     Ipomoea batatas   B     A     Oryza sativa   E     Ieaf, width / shape;   Sheath / no petiole;     1   Ieaf, width / shape;   Sheath / no petiole;	Solanum tuberosum   G     Solanum tuberosum   G     Glycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     Ghycine max   C     I leaf, width / shape;   Sheath / no petiole;     1 leaf, width / shape;   Sheath / no petiole;     2 leaf connection to stem / AW;   Sheath / no petiole;	Solanum tuberosum   G     Solanum tuberosum   G     Glycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     Ghycine max   C     I leaf, width / shape;   Sheath / no petiole;     1 leaf, width / shape;   Sheath / no petiole;     2 leaf connection to stem / AW;   Sheath / no petiole;	Solanum tuberosum   G     Solanum tuberosum   G     Glycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     Glycine max   A     I leaf, width / shape;   Sheath / no petiole;     1 leaf, width / shape;   Sheath / no petiole;     2 leaf connection to stem / AW;   Sheath / no petiole;	Solanum tuberosum   G     Solanum tuberosum   G     Glycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     Glycine max   A     I leaf, width / shape;   Sheath / no petiole;     1 leaf, width / shape;   Sheath / no petiole;     2 leaf connection to stem / AW;   Sheath / no petiole;	Solanum tuberosum   G     Solanum tuberosum   G     Glycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     Glycine max   A     I leaf, width / shape;   Sheath / no petiole;     1 leaf, width / shape;   Sheath / no petiole;     2 leaf connection to stem / AW;   Sheath / no petiole;
number of (named) flower parts; number of cotyledons/seed floar in multiples of 3; number of, cotyledons/seed leaf; fibrous roots; scattered vascular bundles; pattern of vascular bundles; no, cambium/woody tissue; presence/absence of cambium/www.;	(a)         Triticum aestivum         D           Solanum tuberosum         G           Glycine max         C           Manihot esculenta         F           Ipomoea batatas         B           Zea mays         A           Onyza sativa         E           (b)         general features:           1         leaf, width / shape;           2         leaf, connection to stant/AM	(a)         Triticum aestivum         D           Solanum tuberosum         G           Glycine max         C           Manihot esculenta         F           Ipomoea batatas         B           Zea mays         A           Onyza sativa         E           (b)         general features:           1         leaf, width / shape;           2         leaf, connection to stant/AM	Triticum aestivum   D	Triticum aestivum   D	Triticum aestivum   D	(a)         Triticum aestivum         D           Solanum tuberosum         G           Glycine max         C           Manihot esculenta         F           Ipomoea batatas         B           Zea mays         A           Onyza sativa         E           (b)         general features:           1         leaf, width / shape;           2         leaf, connection to stant/AM	(a)         Triticum aestivum         D           Solanum tuberosum         G           Glycine max         C           Manihot esculenta         F           Ipomoea batatas         B           Zea mays         A           Onyza sativa         E           (b)         general features:           1         leaf, width / shape;           2         leaf, connection to stant/AM	Solanum tuberosum   G     Solanum tuberosum   G     Glycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     I   leaf, width / shape;   Ipomocotyledon features:   Ipomocotyledon featur	(b)  Inticum aestryum Solanum tuberosum Glycine max Glycine max Glycine max Camays A  Cas mays Oryza sativa  Glycine max  A  A  Manihot esculenta P  Manihot	(b) general features:  (c) Inticum aestivum  Solanum tuberosum  Glycine max  Calmonea batatas  Calmonea batatas  A A  Oryza sativa  Glycine max  Calmonea batatas  A A  Manihot esculenta  F B  Manihot esculenta  F A  Manihot esculenta  F A  Manihot esculenta  F A  Oryza sativa  F A  Manihot estures:  A B  Max [3]	(b) general features:  (c) Inticum aestivant	(b) general features:  (c) Inticum aestivant	(b)  Colanum tuberosum  Colanum tuberosum  Colanum tuberosum  Colanum tuberosum  Colycine max  Colonoea batatas  Colonoea batatas  A  Colonoea batatas  A  Colonoea batatas  A  Manihot esculenta  F  A  Colonoea batatas  A  Manihot esculenta  F  A  Colonoea batatas  A  Manihot esculenta  A  Maniho
number of (named) flower parts; number of (named) flower parts; number of cotyledons/seed leaf; flower parts; number of cotyledons/seed leaf; flower parts; noe cotyledon/seed leaf; flower parts in multiples of 3; noe cotyledon/seed leaf; flower parts in multiples of 3; noe cotyledon/seed leaf; flower parts in multiples of 3; noe cotyledon/seed leaf; flower parts in multiples of 5; noe cotyledon/seed leaf; flower parts in multiples of 5; noe cotyledon/seed leaf; flower parts in multiples of 5; noe cotyledon/seed leaf.	(a)         Triticum aestivum         D           Solanum tuberosum         G           Glycine max         C           Manihot esculenta         F           Ipomoea batatas         B           Zea mays         A           Oryza sativa         E           (b)         general features:           1         leaf, width / shape;           1         leaf, width / shape;	(a)         Triticum aestivum         D           Solanum tuberosum         G           Glycine max         C           Manihot esculenta         F           Ipomoea batatas         B           Zea mays         A           Oryza sativa         E           (b)         general features:           1         leaf, width / shape;           1         leaf, width / shape;	(a)         Triticum aestivum         D           Solanum tuberosum         G           Glycine max         C           Manihot esculenta         F           Ipomoea batatas         B           Zea mays         A           Oryza sativa         E           (b)         general features:           1         leaf, width / shape;           1         leaf, width / shape;	(a)         Triticum aestivum         D           Solanum tuberosum         G           Glycine max         C           Manihot esculenta         F           Ipomoea batatas         B           Zea mays         A           Oryza sativa         E           (b)         general features:           1         leaf, width / shape;           1         leaf, width / shape;	(a)         Triticum aestivum         D           Solanum tuberosum         G           Glycine max         C           Manihot esculenta         F           Ipomoea batatas         B           Zea mays         A           Oryza sativa         E           (b)         general features:           1         leaf, width / shape;           1         leaf, width / shape;	(a)         Triticum aestivum         D           Solanum tuberosum         G           Glycine max         C           Manihot esculenta         F           Ipomoea batatas         B           Zea mays         A           Oryza sativa         E           (b)         general features:           1         leaf, width / shape;           1         leaf, width / shape;	(a)         Triticum aestivum         D           Solanum tuberosum         G           Glycine max         C           Manihot esculenta         F           Ipomoea batatas         B           Zea mays         A           Oryza sativa         E           (b)         general features:           1         leaf, width / shape;           1         leaf, width / shape;	Comparison of the control of the c	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E Oryza sativa E  (b) general features:    leaf, width/shape;   narrow leaves;	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E Oryza sativa E  (b) general features:    leaf, width/shape;   narrow leaves;	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Chyza sativa  B  Oryza sativa  E  monocotyledon features:  1 leaf, width/shape;  narrow leaves;	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Chyza sativa  B  Oryza sativa  E  monocotyledon features:  1 leaf, width/shape;  narrow leaves;	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Chyza sativa  B  Oryza sativa  E  monocotyledon features:  1 leaf, width/shape;  narrow leaves;
leaf connection to stem/AW; sheath/no petiole; number of (named) flower parts; number of (named) flower parts; number of (named) flower parts; number of cotyledons/seed leaf; flower parts in multiples of 3; number of cotyledons/seed leaf; flower parts in multiples of 3; number of flower parts in multiples of flower	Triticum aestivum   D	Solanum tuberosum G Glycine max Manihot esculenta Ipomoea batatas Cea mays Oryza sativa  (b)  Triticum aestivum G Chycine max Campa	Solanum tuberosum G Glycine max C Glycine max Manihot esculenta Ipomoea batatas Zea mays Oryza sativa  (b)  Ref. width/shape:  Ref. max [3]  max [3]	Solanum tuberosum G Glycine max C Glycine max Manihot esculenta Ipomoea batatas Zea mays Oryza sativa  (b)  Ref. width/shape:  Ref. max [3]  max [3]	Solanum tuberosum G Glycine max C Glycine max Manihot esculenta Ipomoea batatas Zea mays Oryza sativa  (b)  Ref. width/shape:  Ref. max [3]  max [3]	Solanum tuberosum G Glycine max Manihot esculenta Ipomoea batatas Cea mays Oryza sativa  (b)  Triticum aestivum G Chycine max Campa	Solanum tuberosum G Glycine max Glycine max Glycine max Glycine max Manihot esculenta Ipomoea batatas Sea mays Coryza sativa Glycine max Manihot esculenta Ipomoea batatas Sea mays A Oryza sativa Gh Ieaf. width/shape: Inarrow leaves:	Solanum tuberosum  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  (b)  Real width/shape:  Intiticum aestivum  C  C  C  C  C  C  C  C  C  C  C  C  C	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Chyza sativa  B  Oryza sativa  Chyza sativa  B  Manihot esculenta  Ipomoea batatas  A  Oryza sativa  Chyza sativa  Ipomoea batatas  I	Solanum tuberosum  Solanum tuberosum  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Chyza sativa  B  Oryza sativa  Chyza sativa  B  Manihot esculenta  Ipomoea batatas  A  Oryza sativa  Chyza sativa  Ipomoea batatas  I	Solanum tuberosum  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  (b)  Ref. width/shape:  Index.	Solanum tuberosum  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  (b)  Ref. width/shape:  Index.	Solanum tuberosum  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  (b)  Ref. width/shape:  Index.
leaf connection to stem/AW; sheath/no petiole; number of (named) flower parts; number of cotyledons/seed flower parts in multiples of 3; number of cotyledons/seed leaf; flower parts in multiples of 3; number of cotyledons/seed leaf; flower parts in multiples of 3; none cotyledon/seed leaf; flower parts in multiples of 3; none cotyledon/seed leaf; flower parts in multiples of 3; none cotyledon/seed leaf; flower parts in multiples of 3; none cotyledon/seed leaf; flower parts in multiples of 3; none cotyledon/seed leaf; flower parts in multiples of 3; none cotyledon/seed leaf; flower parts in multiples of 3; none cotyledon/seed leaf; flower parts in multiples of 3; none cotyledon/seed leaf; flower parts in multiples of 3; none cotyledon/seed leaf; flower parts in multiples of 3; none cotyledon/seed leaf; flower parts in multiples of 3; none cotyledon/seed leaf; flower parts in multiples of 3; none cotyledon/seed leaf; flower parts in multiples of 3; none cotyledon/seed leaf; flower parts in multiples of 3; none cotyledon/seed leaf; flower parts in multiples of 3; none cotyledon/seed leaf; flower parts in multiples of 5; none cotyledon/seed leaf; flower parts in multiples of 5; none cotyledon/seed leaf; flower parts in multiples of 5; none cotyledon/seed leaf; flower parts in multiples of 5; none cotyledon/seed leaf; flower parts in multiples of 5; none cotyledon/seed leaf; flower parts in multiples of 5; none cotyledon/seed leaf; flower parts in multiples of 5; none cotyledon/seed leaf; flower parts in multiples of 5; none cotyledon/seed leaf; flower parts in multiples of 5; none cotyledon/seed leaf; flower parts in multiples of 5; none cotyledon/seed leaf; flower parts in multiples of 5; none cotyledon/seed leaf; flower parts in multiples of 5; none cotyledon/seed leaf; flower parts in multiples of 5; none cotyledon/seed leaf; flower parts in multiples of 5; none cotyledon/seed leaf; flower parts in multiples of 5; none cotyledon/seed leaf; flower parts in multiples of 5; none cotyledon/seed leaf; flower parts in	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  (b) general features:    Triticum aestivum D   C   C   C   C   C   C   C   C   C   C	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  (b) general features:    Triticum aestivum D   Glycine max	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  (b) general features: monocotyledon features:	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  (b) general features: monocotyledon features:	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  (b) general features: monocotyledon features:	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  (b) general features:    Triticum aestivum D   Glycine max	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  (b) general features:    Triticum aestivum D   C   C   C   C   C   C   C   C   C   C	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Calycine max  Calycine max  Comocea batatas  Zea mays  Covza sativa  Chyza sat	Solanum tuberosum G Solanum tuberosum G Glycine max Glycine max Manihot esculenta Ipomoea batatas B Zea mays Oryza sativa  Chyza	Solanum tuberosum G Solanum tuberosum G Glycine max Glycine max Manihot esculenta Ipomoea batatas B Zea mays Oryza sativa  Chyza	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Camays  Zea mays  Oryza sativa  Cb)  Glycine max  Camays  A  Oryza sativa  Chyca sativa  Chy	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Camays  Zea mays  Oryza sativa  Cb)  Glycine max  Camays  A  Oryza sativa  Chyca sativa  Chy	Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Camays  Zea mays  Oryza sativa  Cb)  Glycine max  Camays  A  Oryza sativa  Chyca sativa  Chy
leaf connection to stem/AW; sheath/no petiole; number of (named) flower parts; number of (cotyledons/seed leaf; number of, cotyledons/seed leaf; fibrous roots; type of rbot; pattern of vascular bundles; pattern of vascular bundles; no, cambium/woody tissue; max [1]	Solanum tuberosum G Solanum tuberosum G Glycine max Glycine max Manihot esculenta Ipomoea batatas Ipomoea batatas Sea mays Coryza sativa  Coryza sativa  (b) monocotyledon features:	Solanum tuberosum G Solanum tuberosum G Glycine max Glycine max Manihot esculenta Ipomoea batatas Ipomoea batatas Sea mays A Oryza sativa  (b) general features: monocotyledon features:	Solanum tuberosum G Glycine max Glycine max Manihot esculenta Ipomoea batatas Ipomoea batatas Sea mays Coryza sativa  Chyza sativa	Solanum tuberosum G Glycine max Glycine max Manihot esculenta Ipomoea batatas Ipomoea batatas Sea mays Coryza sativa  Chyza sativa	Solanum tuberosum G Glycine max Glycine max Manihot esculenta Ipomoea batatas Ipomoea batatas Sea mays Coryza sativa  Chyza sativa	Solanum tuberosum G Solanum tuberosum G Glycine max Glycine max Manihot esculenta Ipomoea batatas Ipomoea batatas Sea mays A Oryza sativa  (b) general features: monocotyledon features:	Solanum tuberosum G Solanum tuberosum G Glycine max Glycine max Manihot esculenta Ipomoea batatas Ipomoea batatas Sea mays Coryza sativa  Coryza sativa  (b) monocotyledon features:	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  (b) general features: monocotyledon features:	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  (b) general features: monocotyledon features:	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  (b) general features: monocotyledon features:	Solanum tuberosum G C Glycine max C C Manihot esculenta F B Ipomoea batatas B Zea mays A Oryza sativa E  (b) general features: monocotyledon features:	Solanum tuberosum G C Glycine max C C Manihot esculenta F B Ipomoea batatas B Zea mays A Oryza sativa E  (b) general features: monocotyledon features:	Solanum tuberosum G C Glycine max C C Manihot esculenta F B Ipomoea batatas B Zea mays A Oryza sativa E  (b) general features: monocotyledon features:
leaf, width / shape; leaf connection to stem / AW; number of (named) flower parts; number of (cotyledons / seed named) flower parts; number of (cotyledons / seed named) flower parts; number of (named) flower parts; number of (cotyledons / seed named) flower parts; none cotyledon / seed named is no named is none cotyledon / seed named is no	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  (b) general features: monocotyledon features:	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  (b) general features: monocotyledon features: monocotyledon features:	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  (b) general features: monocotyledon features:	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  (b) general features: monocotyledon features:	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  (b) general features: monocotyledon features:	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  (b) general features: monocotyledon features: monocotyledon features:	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  (b) general features: monocotyledon features:	Solanum tuberosum G Glycine max Calgonium tuberosum Glycine max Calgonium tuberosum Ca	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta Ipomoea batatas Ipomoea batatas Sea mays Oryza sativa  Gb)  Manihot estures:  Imax [3]	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta Ipomoea batatas Ipomoea batatas Sea mays Oryza sativa  Gb)  Manihot estures:  Imax [3]	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta Ipomoea batatas Ipomoea batatas Sea mays A Oryza sativa  Ghycine max A Manihot esculenta Ipomoea batatas B A Oryza sativa  E max [3]	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta Ipomoea batatas Ipomoea batatas Sea mays A Oryza sativa  Ghycine max A Manihot esculenta Ipomoea batatas B A Oryza sativa  E max [3]	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta Ipomoea batatas Ipomoea batatas Sea mays A Oryza sativa  Ghycine max A Manihot esculenta Ipomoea batatas B A Oryza sativa  E max [3]
leaf, width/shape; leaf connection to stem/AW; number of (named) flower parts; number of (cotyledons/seed flower parts; number of, cotyledons/seed flower parts; number of, cotyledons/seed flower parts; number of, cotyledons/seed lone cotyledon/seed leaf; flower parts in multiples of 3; none cotyledon/seed leaf; flower parts in multiples of 3; flower parts in multiples of 4; flowe	Triticum aestivum   D     Solanum tuberosum   G     Glycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     General features:   max [3]	Solanum tuberosum G Glycine max Calycine max Manihot esculenta Ipomoea batatas Ipomoea batatas Caa mays Oryza sativa  Chyza sativa  Glycine max Manihot esculenta Ipomoea batatas B Coryza sativa E Imax [3]	Triticum aestivum   D     Solanum tuberosum   G     Glycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     Ghycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Oryza sativa   E     General features:   max [3]	Triticum aestivum   D     Solanum tuberosum   G     Glycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     Ghycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Oryza sativa   E     General features:   max [3]	Triticum aestivum   D     Solanum tuberosum   G     Glycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     Ghycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Oryza sativa   E     General features:   max [3]	Solanum tuberosum G Glycine max Calycine max Manihot esculenta Ipomoea batatas Ipomoea batatas Caa mays Oryza sativa  Chyza sativa  Glycine max Manihot esculenta Ipomoea batatas B Coryza sativa E Imax [3]	Triticum aestivum   D     Solanum tuberosum   G     Glycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     General features:   max [3]	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Qhyza sativa E  Qhyza sativa	Solanum tuberosum G Solanum tuberosum G Glycine max Glycine max Manihot esculenta Ipomoea batatas Ipomoea batatas Sea mays A Oryza sativa Gh)  general features:    Manihot esculenta   F     P	Solanum tuberosum G Solanum tuberosum G Glycine max Glycine max Manihot esculenta Ipomoea batatas Ipomoea batatas Sea mays A Oryza sativa Gh)  general features:    Manihot esculenta   F     P	Solanum tuberosum   G	Solanum tuberosum   G	Solanum tuberosum   G
leaf, width/shape; leaf connection to stem/AW; number of (named) flower parts; number of (named) flower parts; number of (cotyledons/seed flower parts; flower p	Triticum aestivum   D	A	A	A	A	A	Triticum aestivum   D	Inticum aestivum   D     Solanum tuberosum   G     Glycine max	Inticum aestivum	Inticum aestivum	Solanum tuberosum   G     Solanum tuberosum   G     Glycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     General features:   monocotyledon features:	Solanum tuberosum   G     Solanum tuberosum   G     Glycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     General features:   monocotyledon features:	Solanum tuberosum   G     Solanum tuberosum   G     Glycine max   C     Manihot esculenta   F     Ipomoea batatas   B     Zea mays   A     Oryza sativa   E     General features:   monocotyledon features:
leaf, width/shape; leaf connection to stem/AW; number of (named) flower parts; number of (cotyledons/seed flower parts; number of cotyledons/seed flower parts; number of (cotyledons/seed leaf; flower parts; number of (cotyledons/seed leaf; flower parts; number of (cotyledons/seed leaf; flower parts; none cotyledon/seed leaf; flower parts in multiples of 3; none cotyledon/seed leaf; flower part	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays Oryza sativa E  Manihot esturas:  A  Max [3]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays Oryza sativa E  Manihot esculenta F Ipomoea batatas B Zea mays A  Oryza sativa E  Max [3]	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Max [3]	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Max [3]	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Max [3]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays Oryza sativa E  Manihot esculenta F Ipomoea batatas B Zea mays A  Oryza sativa E  Max [3]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Max [3]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Max [3]	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Max [3]	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Max [3]	Solanum tuberosum G  Glycine max C  Manihot esculenta F  Ipomoea batatas B  Zea mays A  Oryza sativa E  Max [3]	Solanum tuberosum G  Glycine max C  Manihot esculenta F  Ipomoea batatas B  Zea mays A  Oryza sativa E  Max [3]	Solanum tuberosum G  Glycine max C  Manihot esculenta F  Ipomoea batatas B  Zea mays A  Oryza sativa E  Max [3]
1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 number of, cotyledons/seed 5 leaves; 6 type of root; 7 pattern of vascular bundles; 8 presence/absence of cambium/AW; 7 max [1]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  E  Max [3]	Solanum tuberosum  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  E  Max [3]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E
1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 number of, cotyledons/seed 5 feaves; 6 type of root; 7 pattern of vascular bundles; 8 presence/absence of cambium/AW; 8 presence/absence of cambium/AW; 9 max [1]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Triticum aestivum D G G G G G C C Manihot esculenta F A Oryza sativa E  Max [3]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Triticum aestivum D G G G G G C C Manihot esculenta F Ipomoea batatas B A Oryza sativa   E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Triticum aestivum G C C Manihot esculenta F Ipomoea batatas B A Oryza sativa   E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Triticum aestivum G C C Manihot esculenta F Ipomoea batatas B A Oryza sativa   E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Triticum aestivum G C C Manihot esculenta F Ipomoea batatas B A Oryza sativa   E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Triticum aestivum D G G G G G C C Manihot esculenta F Ipomoea batatas B A Oryza sativa   E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Triticum aestivum D G G G G G G C C C Max [3]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E Imax [3]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E
general features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 number of, cotyledons/seed 5 leaves; 6 type of root; 7 pattern of vascular bundles; 8 presence/absence of cambium/AW; 9 pattern of vascular bundles; 1 max [1]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Triticum aestivum D G G G G G G C C Manihot esculenta F A D Manihot esculenta F Ipomoea batatas B A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Triticum aestivum G C C Manihot esculenta F Ipomoea batatas B A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Triticum aestivum G C C Manihot esculenta F Ipomoea batatas B A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Triticum aestivum G C C Manihot esculenta F Ipomoea batatas B A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Triticum aestivum D G G G G G G C C Manihot esculenta F B A D Max [3]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E
general features:  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; 4 number of, cotyledons / seed 5 fleaves; 6 type of root; 7 pattern of vascular bundles; 8 presence/absence of cambium / AW; 9 presence/absence of cambium / AW; 1 max [1]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  max [3]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  max [3]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  max [3]
general features:  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; 4 number of cotyledons/seed 5 fleaves; 6 type of root; 7 pattern of vascular bundles; 8 presence/absence of cambium / AW; 8 presence/absence of cambium / AW; 9 presence/absence of cambium / AW; 1 max [1]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Triticum aestivum G C C Manihot esculenta F Ipomoea batatas B A Max [3]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Triticum aestivum G C C Manihot esculenta F Ipomoea batatas B A Max [3]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Triticum aestivum G C C Manihot esculenta F Ipomoea batatas B A Max [3]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Triticum aestivum G C C Manihot esculenta F Ipomoea batatas B A Max [3]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Triticum aestivum G C C Manihot esculenta F Ipomoea batatas B A Max [3]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E  Triticum aestivum G C C Manihot esculenta F Ipomoea batatas B A Max [3]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G  Glycine max C  Manihot esculenta F  Ipomoea batatas B  Zea mays A  Oryza sativa E  Imax [3]	Solanum tuberosum G  Glycine max C  Manihot esculenta F  Ipomoea batatas B  Zea mays A  Oryza sativa E  Imax [3]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E
general features:  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; 4 number of (named) flower parts; 5 number of (named) flower parts; 6 number of (named) flower parts; 7 number of (named) flower parts; 8 flower parts in multiples of 3; 7 flower parts in multiples of 3; 8 flower parts in multiples of 3; 9 flower parts in multiples of 3;	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G  Glycine max C  Manihot esculenta F  Ipomoea batatas B  Zea mays A  Oryza sativa E	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E
general features:  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; 4 number of cotyledons / seed 5 fleaves; 6 type of root; 7 pattern of vascular bundles; 8 presence/absence of cambium / AW; 1 no, cambium / AW; 1 max [1]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E
general features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 number of (named) flower parts; 5 leaves; 6 type of root; 7 pattern of vascular bundles; 8 presence/absence of cambium/AW; 9 cambium/AW; 1 max [1]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G  Glycine max C  Manihot esculenta F  Ipomoea batatas B  Zea mays A  Oryza sativa E	Solanum tuberosum G  Glycine max C  Manihot esculenta F  Ipomoea batatas B  Zea mays A  Oryza sativa E	Solanum tuberosum G  Glycine max C  Manihot esculenta F  Ipomoea batatas B  Zea mays A  Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G  Glycine max C  Manihot esculenta F  Ipomoea batatas B  Zea mays A  Oryza sativa E	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E
general features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 humber of, cotyledons/seed 5 fleaves; 6 type of root; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 9 presence/absence of cambium/AWV; 1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 flower parts in multiples of 3; 6 fibrous roots; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 9 max [1]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G  Glycine max C  Manihot esculenta F  Ipomoea batatas B  Zea mays A	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A
general features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 number of cotyledons/seed 5 feaves; 6 type of root; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 8 max [1]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G  Glycine max C  Manihot esculenta F  Ipomoea batatas B  Zea mays A	Solanum tuberosum G  Glycine max C  Manihot esculenta F  Ipomoea batatas B  Zea mays A	Solanum tuberosum G  Glycine max C  Manihot esculenta F  Ipomoea batatas B  Zea mays A	Solanum tuberosum G  Glycine max C  Manihot esculenta F  Ipomoea batatas B  Zea mays A	Solanum tuberosum G  Glycine max C  Manihot esculenta F  Ipomoea batatas B  Zea mays A
general features:  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; 4 number of, cotyledons / seed 5 feaves; 6 type of root; 7 pattern of vascular bundles; 8 priesence/absence of cambium / woody tissue; 8 priesence/absence of cambium / woody tissue; 9 pattern of vascular bundles; 1 pattern of vascular bundles; 9 priesence/absence of cambium / woody tissue; 1 max [1]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G  Glycine max C  Manihot esculenta F Ipomoea batatas B  Zea mays A	Solanum tuberosum G  Glycine max C  Manihot esculenta F Ipomoea batatas B  Zea mays A	Solanum tuberosum G  Glycine max C  Manihot esculenta F  Ipomoea batatas B  Zea mays A	Solanum tuberosum G  Glycine max C  Manihot esculenta F  Ipomoea batatas B  Zea mays A	Solanum tuberosum G  Glycine max C  Manihot esculenta F  Ipomoea batatas B  Zea mays A
general features:  1 leaf, width / shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 number of, cotyledons / seed 5 feaves; 6 type of rbot; 7 pattern of vascular bundles; 8 presence/absence of cambium / woody tissue; 9 presence/absence of cambium / woody tissue; 1 leaf, width / shape; 1 narrow leaves; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 number of (cotyledons / seed leaf; 5 flower parts in multiples of 3; 6 type of rbot; 7 pattern of vascular bundles; 8 presence/absence of cambium / woody tissue; 9 max [1]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A
general features:  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of cotyledons/seed fibrous roots; 5 feaves; 6 type of root; 7 pattern of vascular bundles; 8 presence/absence of cambium/AW; 9 cambium/AW; 1 leaf, width/shape; 1 number of cotyledons/seed leaf; 2 leaf connection to stem/AW; 3 number of cotyledons/seed leaf; 4 fibrous roots; 5 feaves; 6 type of root; 7 pattern of vascular bundles; 8 presence/absence of cambium/woody tissue; 9 presence/absence of cambium/AW; 1 max [1]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G  Glycine max C  Manihot esculenta F  Ipomoea batatas B	Solanum tuberosum G  Glycine max C  Manihot esculenta F  Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B
Coryza sativa   E   max [3]     General features:	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B
Dryza sativa   E   max [3]     general features:	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B
Dryza sativa   E   max [3]   max [3]	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B
Zea mays       A         Oryza sativa       E       max [3]         1 leaf, width/shape;       monocotyledon features:       max [3]         2 leaf connection to stem/AW;       sheath/no petiole;       max [3]         3 number of (named) flower parts;       flower parts in multiples of 3;       number of (named) flower parts;         4 number of, cotyledons/seed       flower parts in multiples of 3;       non cotyledon/seed leaf;         5 feaves:       pattern of vascular bundles;       scattered vascular bundles;       no, cambium/woody tissue;         8       presence/absence of cambium/woody tissue;       max [1]	Solanum tuberosum G Glycine max C Manihot esculenta F Ibomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ibomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ibomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ibomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ibomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ibomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ibomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ibomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ibomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ibomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ibomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ibomoea batatas B	Solanum tuberosum G Glycine max C Manihot esculenta F Ibomoea batatas B
Tear mays   A   Dryza sativa   E	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F
Tea mays   A   Dryza sativa   E   Dryza sativa   Dr	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F
Toe mose batatas   B   Democe batatas   B   Zee mays   A     Coryza sativa   E   monocotyledon features:   1   leaf, width / shape;   2   leaf connection to stem/AW;   sheath / no petiole;   3   number of (named) flower parts;   flower	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F
Toe mose batatas   B   Denoce batatas   B	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F	Solanum tuberosum G Glycine max C Manihot esculenta F
Ipomoea batatas   B	Solanum tuberosum G Glycine max C												
Thomose batatas   B   Doryza sativa   E   Doryza sativa	Solanum tuberosum G Glycine max C	Solanum tuberosum G G G I Glycine max C	Solanum tuberosum G G G I Glycine max C	Solanum tuberosum G G G I Glycine max C									
Tomoea batatas   B   Domoea batatas   B   Domoea batatas   B   Domoea batatas   A   Domoea batatas   A   Domoea batatas   A   Domoea batatas   B   Domoea batatas   A   Domoea batatas   B   Domoea batatas   B   Domoea batatas   B   Domoea batatas   B   Domoea batatas   Domoea	Solanum tuberosum G Glycine max C												
Manihot esculenta   F   Parameter   Para	Solanum tuberosum G Glycine max C												
Manihot esculenta   F   B   B     Domoea batatas   B   Domoea batatas   B   Doyza sativa   E   Doyza sativa   E	Solanum tuberosum <b>G</b> Glycine max <b>C</b>	Solanum tuberosum G Glycine max C	Solanum tuberosum G Glvcine max C										
Manihot esculenta     F       Ipomoea batatas     B       Zea mays     A       Oryza sativa     E       1 leaf, width / shape;     monocotyledon features:       2 leaf connection to stem / AV;     number of for (named) flower parts;       4 number of root;     sheath / no petiole;       5 leaves;     flower parts;       6 type of root;     flower parts;       7 partern of vascular bundles;     florous roots;       8 presence/absence of cambium/woody tissue;       cambium/AWV;    In max [1]  In max [1]	Solanum tuberosum G												
Manihot esculenta   F   B   B     Domoea batatas   B   B     Zea mays	Solanum tuberosum <b>G</b>	Solanum tuberosum G	Solanum tuberosum G	Solanum tuberosum G									
Manihot esculenta   F   Manihot esculenta   F	Solanum tuberosum <b>G</b>	Solanum tuberosum G	(a) Triticum aestivum D Solanum tuberosum G	(a) Triticum aestivum D Solanum tuberosum G	(a) Triticum aestivum D Solanum tuberosum G	Solanum tuberosum G	Solanum tuberosum <b>G</b>						
Glycine max  Manihot esculenta  Pea mays  Oryza safiva  General features:  1 leaf, width / shape; 3 number of connection to stem / AW; 5 number of cotyledons/seed  type of root; 8 presence/absence of cambium / AW; 8 presence/absence of cambium / AW; 9 presence/absence of cambium / AW; 1 max [1]	Solanum tuberosum G G	Solanum tuberosum G G	(a) Triticum aestivum D Solanum tuberosum G	(a) Triticum aestivum D Solanum tuberosum G	(a) Triticum aestivum D Solanum tuberosum G	Solanum tuberosum G G	Solanum tuberosum G G	Solanum tuberosum G G	Solanum tuberosum G	Solanum tuberosum G	Solanum tuberosum G	Solanum tuberosum G	Solanum tuberosum G
Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of (named) flower parts; none cotyledon seed leaf; 5 fleaves; 6 type of root; 7 pattern of vascular bundles; no, cambium / woody tissue; 8 presence/absence of cambium / AW; 9 pattern of vascular bundles; no, cambium / woody tissue; max [1]	Solanum tuberosum <b>G</b>	Solanum tuberosum <b>G</b>	(a) Triticum aestivum D Solanum tuberosum G	(a) Triticum aestivum D Solanum tuberosum G	(a) Triticum aestivum D Solanum tuberosum G	Solanum tuberosum <b>G</b>							
Glycine max  Manihot esculenta Ipomoea batatas Zea mays Zea mays A Oryza sativa I leaf, width/shape; I number of (named) flower parts; I number of (named) flower parts; I number of cotyledons/seed I therefore the cotyledons seed leaf; I therefore the cotyledons seed leaf seed seed seed seed seed seed seed see	Triticum aestivum D	Introum aestivum <b>D</b>	Solouim tuhonouim C	Solouim tuhonouim C	Solonia tukosonia	Solonia tukosonia	Solonia tukosonia						
Glycine max  Manihot esculenta  Pomoea batatas  Zea mays  Oryza sativa  1 leaf, width / shape; 3 number of (named) flower parts in multiples of 3; number of noot; pattern of vascular bundles; type of not; pattern of vascular bundles; polesencelabsence of cambium / woody tissue; cambium / AW ;  Rever:  1 leaf, width / shape; shape in more of noot; shape in multiples of 3; number of noot; pattern of vascular bundles; no, cambium / woody tissue; max [1]	Triticum aestivum D	Triticum aestivum D	(a) Triticum aestivum D	(a) Triticum aestivum D	(a) Triticum aestivum D	Triticum aestivum D	Triticum aestivum D	Inticum aestivum D	Indicum aestivum	Indicum aestivum	Thicain aestivain	Thicain aestivain	Thicain aestivain
Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  F  Donocea batatas  Zea mays  Oryza sativa  General features:  I leaf, width / shape;  I leaf, wi	Triticum aestivum D	(a) Triticum aestivum D	(a) Triticum aestivum D	(a) Triticum aestivum D	(a) Triticum aestivum D	(a) Triticum aestivum D	Triticum aestivum D	Introdum aestivum D	I micum aestivum	I micum aestivum	Thicain aestivair	Thicain aestivair	Thicain aestivair
Solanum tuberosum Glycine max Glycine max Glycine max Glycine max Camays A Oryza safiva B General features: Coryza safiva B General features: Coryza safiva B General features: Coryza safiva B Coryza safiva	(a) Triticum aestivum D	Introm aestivum D	THICUM BESILVUM	THICUM BESILVUM	THICAIN AESIVAIN C	THICAIN AESIVAIN C	THICAIN AESIVAIN C						
Solanum tuberosum Glycine max Manihot esculenta Ipomoea bafatas Zea mays Oryza sativa  1 leaf, width/shape; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 1 number of roacular bundles; 5 type of root; 6 type of root; 7 pattern of vascular bundles; 8 priesence/absence of cambium/woody tissue; 1 max [1]	(a) Triticium aestivium D	(a) Triticum aestivum	(a) Triticum aestivum D	(a) Triticum aestivum D	(a) Triticum aestivum D	(a) Triticum aestivum	(a) Triticing aestiving	(a) Litticity aestivity					
Solanum tuberosum  Glycine max  Campinot esculenta  F  Index, width/shape; Sheath of vaccular bundles; Type of not; Type o													
(b) general features:  Caycine max  Coryza sativa  Theaf, width/ shape; Search of connection to stem/AW; Sofanum tuber of connection to stem/AW; Search of connection to stem/arch of connection to									C ::::::::::::::::::::::::::::::::::::		C	D	C
(b) Solarum tuberosum G G  Glycine max C C  Manihot esculenta F  Domoea batatas B  Zea mays  Onyza sativa E  Onyza sativa E  1 leaf, width / shape; 2 leaf connection to stem / AW; 3 number of fnamed) flower parts; flower parts in multiples of 3; one cotyledon / seed leaf; fibrous roots; 5 fleaves; 6 type of root; 7 pattern of vascular bundles; no, cambium / woody tissue; 8 cambiufm / AW; 8 max [1]  Max [1]  Max [1]  Max [1]					(6)								
(b) Solanum tuberosum G G  Solanum tuberosum G G  Glycine max C Manihot esculenta F H  pomoea batatas B Zea mays A Oryza sativa E S oryza sativa E S connection to stem/AW; shape; sheath no petiole; sheaves; sheath no petiole; sheaves; sheath no petiole; sheaves; s										: : : : : : : : : : : : : : : : : : : :		(a)	(a)
Triticum aestivum  Solanum tuberosum  Glycine max  Glycine max  Manihot esculenta  Ipomoea bafatas  Zea mays  Coryza sativa  Read Connection to stem/AW;  1 leaf, width/shape; 3 number of (named) flower parts; 4 number of (named) flower parts; 5 fleaf connection to stem/AW; 6 type of foot; 7 pattern of vascular bundles; 8 presence/absence of cambium/ woody tissue; 9 presence/absence of cambium/ aW; 1 max [1]  Max [1]  Max [1]  Max [1]  Max [1]										(6)		:: H	:: H
(b) Triticum aestivum G G Glycine max C G Manihot esculenta F P Pomoea batatas B Zea mays A Oryza sativa E C Oryza sativa E Daftens: number of (named) flower parts: number of (named) flower parts: number of (named) flower parts: number of connection to stem/AW; sheath/no petiole; sheath no petiole												(a)	(a)
(b) Solanum tuberosum G G Glycine max C Manifrot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E Ieaf, width/shape; Seed formection to stem/AW; Sheath no petiole; 3 number of (named) flower parts; number of (named) flower parts; no combium/woody tissue; pattern of vascular bundles; pattern of vascular bundles; pattern of vascular bundles; no, cambium/woody tissue; max [1]												(6)	(6)
(b) Salanum tuberosum G Glycine max (3)  Clycza sativa E Leaf, width/shape; 3 number of finamed) flower parts; 4 tumber of froot; 5 fleaves; 6 type of pot; 7 paper of root; 8 presencedabsence of ambium/AWV; 8 cambium/AWV; 9 cambium													
(a) Triticum aestivum D Solanum tuberosum G Glycine max C Manifot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E C Oryza sativa E E Defencection to stem/AW; Sheath / no petiole; Sheath of (ramed) flower parts; Inweper of ramed) flower parts; Inwitcherof, cotyledons/seed of type of root; Searces; Shees of type of root; Shees of type o	Expected Answers Marks	luestion Expected Answers Marks	luestion Expected Answers Marks	luestion Expected Answers Marks	luestion Expected Answers Marks	luestion Expected Answers Marks	luestion Expected Answers Marks	luestion Expected Answers Marks	Uestion Expected Answers Marks	(a) Expected Answers Marks	(a) Expected Answers Marks	luestion Expected Answers Marks	luestion Expected Answers Marks
(a) Triticum aestivum D Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E C Oryza sativa E E Dattened (finamed) flower parts; numbber of (named) flower parts; numbber of (named) flower parts; none cotyledon features: type of root; type of root; partern of vascular bundles; pleasence date of cambium woody tissue; pleasence date of cambium woody tissue; no, ca	Expected Answers Marks	luestion Expected Answers Marks	luestion Expected Answers Marks	luestion Expected Answers Marks	Uuestion         Expected Answers         Marks	luestion Expected Answers Marks	luestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	luestion Expected Answers Marks	luestion Expected Answers Marks	Luestion   Expected Answers   Marks     (a)	Luestion   Expected Answers   Marks     (a)
(b) Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays Oryza sativa E I leaf width / shape; all commection to stem/AW; partern of vascular bundles; presence delabsence of cambium/AW; presence leaf search of cambium/AW; presence leaf search of cambium/AW; presence leaf search or cambium/woody tissue; max [1]	Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	luestion Expected Answers Marks	Uuestion Expected Answers Marks	Uuestion Expected Answers Marks	Luestion   Expected Answers   Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks			
(b) General features:  (b) General features:  (b) General features:  (b) General features:  (c) Glycine max  Amanifot asculenta  F  Glycine max  Gonza sativa  F  Conza sativa  Glycine max  Amax [3]  Maribot of (named) flower parts in multiples of 3; number of (named) flower parts; none cotyledon/seed leaf; flower parts in multiples of 3; number of (named) flower parts; none cotyledon/seed leaf; flower parts in multiples of 3; number of (named) flower parts; none cotyledon/seed leaf; flower parts in multiples of 3; number of (named) flower parts; none cotyledon/seed leaf; flower parts in multiples of 3; none cotyledon/seed leaf; flower parts in max [1]	Expected Answers Marks	uestion Expected Answers Marks	uestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	luestion     Expected Answers     Marks	Luestion     Expected Answers     Marks			
(a) Triticum aestivum D Solanum tuberosum G Glycine max Conyza sativa E Donocea batatas B Zea mays Conyza sativa E Manihot esculenta F Donocea batatas B Zea mays Conyza sativa E Monocotyledon features: A number of (named) flower parts; flower parts in multiples of 3; number of (named) flower parts; flower parts in multiples of 3; number of connection to stem/AW; flower parts in multiples of 3; pattern of vascular bundles; pattern of vascular bundles; pattern of vascular bundles; scattered vascular bundles; pattern of vascular bundles; no, cambium/woody tissue; max [1]	Expected Answers Marks	luestion Expected Answers Marks	luestion Expected Answers Marks	luestion Expected Answers Marks	luestion Expected Answers Marks	tuestion Expected Answers Marks							
(a) Triticum aestivum C G Glycine max C Glycine max C Answers B A Oryza sativa E I leaf, width/shape; Leaf connection to stem/AW; C A reaves; Lype of root; C Ambium+AW; C Ambium+AW; C C C Sambium+AW; C C C C C C C C C C C C C C C C C C C	Expected Answers Marks	luestion Expected Answers Marks	luestion Expected Answers Marks	uestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks
(a) Triticum aestivum C Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays Oryza sativa E C Oryza sativa E I leaf width Shape; Leaf connection to stem/AW; I leaf, width Shape; Leaf connection to stem/AW; Inumber of (named) flower parts; Incover social articles of type of pot; Inumber of cotyledons/seed leaf; Incover social articles of type of pot; Incover parts in multiples of 3; Inumber of (named) flower parts; Incover social articles of 3; Inumber of (named) flower parts; Incover social articles of 3; Inumber of (named) flower parts; Incover social articles of 3; Inumber of (named) flower parts; Incover social articles of 3; Inumber of (named) flower parts; Incover social articles of 3; Incover social articles of 3; Inumber of (named) flower parts; Incover social articles of 3; Inumber of (named) flower parts; Incover social articles of 3; Inumber of (named) flower parts; Incover social articles of 3; Inumber of (named) flower parts; Incover social articles of 3; Inumber of (named) flower parts; Incover social articles of 3; Inumber of (named) flower parts; Incover social articles of 3; Inumber of (named) flower parts; Incover social articles of 3; Inumber of (named) flower parts; Inumper of (named) flo	Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	luestion Expected Answers Marks				
(a) Triticum aestivum C Solanum tuberosum C Glycine max C Manihot esculenta E pomoea batatas B Zea mays Oryza sativa E C Glycane sativa E E Deat connection to stem AW; S number of connection to stem AW; S feaves; S feaves; S feaves in the of vascular bundles; S fear bun	Expected Answers Marks	uestion Expected Answers Marks	uestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	luestion Expected Answers Marks	luestion Expected Answers Marks	Ruestion   Expected Answers   Marks     (a)	Ruestion   Expected Answers   Marks     (a)
(a) Triticum aestivum D Solanum tuberosum G Glycine max Conyza sativa E Donocea batatas B Zea mays Conyza sativa E Manihot esculenta F Donocea batatas B Zea mays Conyza sativa E Monocotyledon features: A number of (named) flower parts; flower parts in multiples of 3; number of (named) flower parts; flower parts in multiples of 3; number of connection to stem/AW; flower parts in multiples of 3; pattern of vascular bundles; pattern of vascular bundles; pattern of vascular bundles; scattered vascular bundles; pattern of vascular bundles; no, cambium/woody tissue; max [1]	Expected Answers Marks	luestion Expected Answers Marks	luestion Expected Answers Marks	luestion Expected Answers Marks	luestion Expected Answers Marks	tuestion Expected Answers Marks							
(a) Triticum aestivum C Solanum tuberosum C Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays A Oryza sativa E L I leaf, width Shape; Leaf connection to stem/AW; Leaf width Shape; Leaf width Shap	Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	luestion Expected Answers Marks	Luestion     Expected Answers     Marks	luestion Expected Answers Marks	luestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks
(a) Triticum aestivum D Solanum tuberosum G Glycine max Glycine ma	Expected Answers Marks	uestion Expected Answers Marks	uestion Expected Answers Marks	uestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	tuestion Expected Answers Marks	Tuestion Expected Answers Marks	Luestion   Expected Answers   Marks     (a)	Luestion   Expected Answers   Marks     (a)
Dryza sativa   E   max [3]     general features:	(a) Triticum aestivum D	(a) Triticum aestivum	(a) Inticum aestivum										
Solanum tuberosum  Glycine max  Glycine max  Glycine max  Glycine max  Glycine max  C  Manihot esculenta  F  Oryza sativa  General features:  1 leaf, width/shape;  a number of (named) flower parts;  I have of not;  S feaves;  T pattern of vascular bundles;  R presence/absence of  Cambium/woody tissue;  Cambium/woody tis													
Solanum tuberosum  Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  F  Manihot esculenta  F  Oryza sativa  General features:  1 leaf, width/shape;  1 leaf, width/shape;  2 leaf connection to stem/AW;  1 number of (named) flower parts;  1 number of (named) flower parts;  1 number of cotyledons/seed  F  Max [3]  Max [1]  Max [1]  Max [1]													
Solanum tuberosum G G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays Oryza sativa E E Oryza sativa E E  Connection to stem/AW; I leaf, width/shape; 3 number of (named) flower parts; one cotyledon/seed leaf; type of not; type of mot; type		(a)	(9)	(9)	(9)	(a)	C						
Solanum tuberosum  Glycine max  Campinot esculenta  F  Manihot esculenta  Govza sativa  F  Oryza sativa  General features:  I leaf, width/shape; 3 number of (named) flower parts; 1 leaf, width/shape; 3 number of (named) flower parts; 4 number of (named) flower parts; 5 number of cotyledons/seed 6 type of not; 7 pattern of vascular bundles; 6 type of not; 7 cambium/woody tissue; 8 priesence/absence of cambium/woody tissue; 7 max [1]	(a)	Taition continue				Taition continue	Tarifornia coctium						
Solanum tuberosum  Glycine max  Manihot esculenta  Glycine max  Manihot esculenta  Cam mays  Coyza sativa  1 leaf, width/shape; 3 number of (named) flower parts; 1 number of (named) flower parts; 2 leaf connection to stem/AW; 3 number of (named) flower parts; 4 number of cotyledons/seed 5 type of not; 6 type of not; 7 pattern of vascular bundles; 6 type of not; 7 cambium/woody tissue; 8 presence/absence of cambium/woody tissue; 9 presence/absence of cambium/woody tissue; 1 max [1]	(a)	Taition continue				Taition continue	Tarifornia coctium						
Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Goryza sativa  I leaf, width/shape; 3 number of (named) flower parts; 1 leaf, width/shape; 3 number of (named) flower parts; 4 number of connection to stem/AW; 5 type of not; 6 type of not; 7 pattern of vascular bundles; 6 type of not; 7 pattern of vascular bundles; 8 priesencelabsence of cambium/woody tissue; 7 max [1]	Tritions coefinis	(a) Trificum coeficies	(d)	(d)	(d)	(a) Trificum coeficies	Trifficulty coofinition						
Solanum tuberosum Glycine max  Manihot esculenta Ipomoea batatas Zea mays Oryza sativa  1 leaf, width/shape; 3 number of (named) flower parts; number of named) flower parts; type of root; f pattern of vascular bundles; f presence/absence of cambium/woody tissue; f presence/abse	(a) Trificum poetium	(a) Tritions postinis	(d) Tritions poetium	(d) Tritions poetium	(d) Tritions poetium	(a) Tritions postinis	Trition postium						
Solanum tuberosum Glycine max  Manihot esculenta Ipomoea batatas Zea mays Oryza sativa  1 leaf, width/shape; 3 number of (named) flower parts; number of named) flower parts; type of root; f pattern of vascular bundles; f presence/absence of cambium/woody tissue; f presence/abse	Tritions coefinis	(a) Trificum coeficies	(d)	(d)	(d)	(a) Trificum coeficies	Trifficulty coofinition						
Solanum tuberosum Glycine max  Manihot esculenta Ipomoea batatas Zea mays Oryza sativa  1 leaf, width/shape; 3 number of (named) flower parts; number of named) flower parts; type of root; f pattern of vascular bundles; f presence/absence of cambium/woody tissue; f presence/abse	Tritions coefinis	(a) Trificum coeficies	(d)	(d)	(d)	(a) Trificum coeficies	Trifficulty coofinition						
Solanum tuberosum Glycine max  Manihot esculenta Ipomoea batatas Zea mays Oryza sativa  1 leaf, width/shape; 3 number of (named) flower parts; number of named) flower parts; type of root; f pattern of vascular bundles; f presence/absence of cambium/woody tissue; f presence/abse	Tritions coefinis	(a) Trificum coeficies	(d)	(d)	(d)	(a) Trificum coeficies	Trifficulty coofinition						
Solanum tuberosum Glycine max  Manihot esculenta Ipomoea batatas Zea mays Oryza sativa  1 leaf, width/shape; 3 number of (named) flower parts; number of named) flower parts; type of root; f pattern of vascular bundles; f presence/absence of cambium/woody tissue; f presence/abse	Tritions coefinis	(a) Trificum coeficies	(d)	(d)	(d)	(a) Trificum coeficies	Trifficulty coofinition						
Solanum tuberosum  Glycine max  Glycine max  Glycine max  Manihot esculenta  Ipomoea batatas  Zea mays  Oryza sativa  Goryza sativa  I leaf, width/shape; 3 number of (named) flower parts; 1 leaf, width/shape; 3 number of (named) flower parts; 4 number of connection to stem/AW; 5 type of not; 6 type of not; 7 pattern of vascular bundles; 6 type of not; 7 pattern of vascular bundles; 8 priesencelabsence of cambium/woody tissue; 7 max [1]	(a)	Taition continue				Taition continue	Tarifornia coctium						
Solanum tuberosum  Glycine max  Campinot esculenta  F  Manihot esculenta  Govza sativa  F  Oryza sativa  General features:  I leaf, width/shape; 3 number of (named) flower parts; 1 leaf, width/shape; 3 number of (named) flower parts; 4 number of (named) flower parts; 5 number of cotyledons/seed 6 type of not; 7 pattern of vascular bundles; 6 type of not; 7 cambium/woody tissue; 8 priesence/absence of cambium/woody tissue; 7 max [1]		(a)	(9)	(9)	(9)	(a)	C						
Solanum tuberosum G Glycine max C Manihot esculenta F Ipomoea batatas B Zea mays Oryza sativa E Oryza sativa E  1 leaf, width/shape; 3 number of (named) flower parts; one cotyledons/seed leaf; type of not; byte of not; cambium/AW;  8 presence/absence of cambium/woody tissue; cambium/AW; cambium/AW; cambium/AW; cambium/AW; cambium/woody tissue; cambium/woody tissue; cambium/woody tissue; cambium/woody tissue; cambium/woody tissue; cambium/woody tissue;			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·				T		Trition pootium	Trition postinim	Trition postinim
Solanum tuberosum  Glycine max  Glycine max  Glycine max  Glycine max  Glycine max  C  Manihot esculenta  F  Oryza sativa  General features:  1 leaf, width/shape;  a number of (named) flower parts;  I have of not;  S feaves;  T pattern of vascular bundles;  R presence/absence of  Cambium/woody tissue;  Cambium/woody tis									C ::::::::::::::::::::::::::::::::::::	(a)	Trifficulty coofinition	Trition postinim	Teition postium